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PRESENTATIONS**

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DISSERTATIONS

Reinthaler, T. Prokaryotic respiration and production in the open ocean. Groningen University, 128 pp.

Vahl, W.K. Interference competition among foraging waders. Groningen University, 240 pp.

van Breugel, Y. Causes for negative carbon isotope anomalies in Mesozoic marine sediments: Constraints from modern and ancient anoxic settings. Ph.D Thesis, Utrecht University, 128 pp.

Wuchter, C., Ecology and membrane lipid distribution of marine Crenarchaeota: Implications of TEX₈₆ paleothermometry. Ph.D Thesis, Utrecht University, 147 pp.

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Alderkamp, A.-C., E. Sintes & G.J. Herndl. Abundance and activity of major groups of prokaryotic plankton in the coastal North Sea during spring and summer. *Aquat. Microb. Ecol.* 45: 237-246.

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- van Weering, T.C.E. Koudwaterkoralen in de diepzee. Vereniging van Huisvrouwen Schagen, 27 November.
- van Weering, T.C.E. Koudwaterkoralen in de diepzee. Lezing voor MUSEON, Den Haag, 24 November.
- van Weering, T.C.E. Zee in zicht, Oratie Vrije Universiteit Amsterdam, 11 May.
- Jansen, J.H.F. Why ice ages, and what does the ocean floor tell about them? Openbare Scholengemeenschap De Hogeberg, Den Burg, 30 October, 31 October, 2 November.
- Jansen, J.H.F. Sustainable energy. Openbare Scholengemeenschap De Hogeberg, Den Burg, 23 November, 30 November, 31 November.
- ten Hallers-Tjabbes, C.C. & W.C. Verboom. Marine acoustic windows and human generated noise. Contribution to press conference Ocean Sciences Meeting, 23 February, Honolulu, U.S.A..
- ten Hallers-Tjabbes, C.C., Navigation et Biodiversité. (Navigation and biodiversity) In 'Planète Mers, Voyage au coeur de la biodiversité Marine', Ballesta, E. en P Descamps, under the aegis of IUCN, Michel Lafon, Neully-sur-Seine, France, p 332.
- ten Hallers-Tjabbes, C.C., Interview, 'Cato ten Hallers-Tjabbes: het milieu van de zee' (Cato ten Hallers, the marine environment), (M. Prins) Buurcontact nr.11; December 2006.

Award:

- M.R. Wernand, The "Golden" Ocean Optics Conference Bell for best talk during Ocean Optics Conference 2004, OOXVII Fremantle, Western Australia titled: The Arcane Colouring of Natural Waters; from Bacon to Raman.

A national contest for elementary schools concerned this year the theme 'Oceans'. Five students of grade eight of a school in Heiloo sought advice at NIOZ (Biological Chemical Oceanography) for their design of a laptop-controlled Lego-robot. The team took part in the robot performance contest in Eindhoven where they also showed the development and some ocean science in a powerpoint presentation



as well as self-written/composed rapper-style song expressing concern about the human impact on the oceans. Afterwards, the team of five with some parents visited Royal NIOZ at 23 August including a real 'business lunch' and a grand tour from top (bridge) to bottom (engine room) of RV Pelagia. (H.J.W. de Baar)

www.bo.ingv.it/bfm is a website on which the public-domain ecosystem BFM-model is presented. Potential users find here documentation and the source code of the model. The BFM model is the successor of the ERSEM model and was constructed by an international consortium of institutes in 2 EU projects during 1993-1998. The BFM model is nowadays applied in combined hydrodynamical-ecosystem models of the Mediterranean Sea and the North Sea. (P. Ruardij)

The English version of our website ZeeinZicht **www.SeaonScreen.org** has become available on the internet. The three founding partners of this web-site, NIOZ, Ecomare and Wageningen IMARES as the natural successor of ALTERRA-Texel, have decided that they will use ZeeinZicht / SeaOnScreen to inform the general public about important items with regards to the North Sea and the Wadden Sea. On the NIOZ web-site, the window "Research/International projects" was made with respect to the International Polar Year in 2007, in which NIOZ has five individual projects. Public Outreach is a specific item in the IPY and all projects are obliged to have an outreach paragraph. Besides the 'latest news' issue on our own website (**www.nioz.nl/latestnews**), our Flemish colleagues of VLIZ also proved to be a major news outlet on the internet for our institute's work (**www.vliz.be**).

The joint NIOZ geological and biological research group on the formation and ecology of cold water coral reefs in the Atlantic Ocean joined forces with the faculty of Earth Sciences of the Vrije Universiteit Amsterdam and became one of the twelve finalists in the Academic Year Prize 2006. Mark Lavaleyte contributed to the exhibition "Spoken in Zee" (Ghosts in the sea) in Ecomare about life in the deep ocean.

Ten groups visited the institute to get a general introduction about its work in coastal seas and in the oceans. In the national newspapers NRC (8), Volkskrant (6), Trouw (2), AD, De Telegraaf en Spits (1 each), altogether 19 articles appeared after NIOZ press releases, either as "NWO berichten", as direct press releases, or press-

releases in combination with partners. Four scientific articles were highlighted most. Together with Earth Scientists from Utrecht University, an article of MBT showed current North Sea-like temperatures in the Arctic in the mid-cretaceous about 90 million years ago, using the TEX_{86} proxy for sea-surface temperature. Another paleoceanographic highlight was an article in Nature about a huge European river in an otherwise dry English Channel entering the Atlantic Ocean in the Bay of Biscay, which ended abruptly at the filling of the southern North Sea basin at the end of the last ice age only about 20.000 years ago. This article was written together with French partners and also received much attention in the French press. Throughout the entire year, problems on the by-catch of harbour porpoises along the Dutch coast also got continuous attention. This culminated upon the appearance of a joint IMARES-NIOZ research report in December. 53-70% of the stranded harbour porpoises were drowned in any kind of fishing gear. The article causing the most controversy in the press was the article of J. van Gils, T. Piersma and others in PLoS on the effects of the mechanical cockle fishery in the 1990's in the Dutch Wadden Sea. This type of fishery has now been forbidden by the government. However the authors warn to be careful with the scale of all types of human activities affecting the precious sea-bottom of the Wadden Sea. The regional papers *Texelse Courant* (22) and *Noord-Hollands Dagblad* (15) also published regularly about NIOZ activities. Occasional articles appeared in papers from more distant regions along the Dutch coast. Popular scientific journals quoting NIOZ news or with articles of NIOZ scientists were *Bionieuws* (7), *Natuurwetenschap & Techniek* (2) and five others with one article each.

NIOZ scientists also appeared on TV. The most extensive contribution was the recording of an issue of the popular children's programme 'Het Klokhuis' on the life of bivalves, starring our marine biologist Katja Philippart. This issue will be broadcasted in the spring of 2007. Another contribution was of NIOZ toxicologist Jan Boon on the environmental dangers of brominated flame retardants. This documentary was broadcasted on BBC-World. Coral biologist Rolf Bak appeared on the NOS journal commenting on the possibilities and difficulties to grow tropical corals under artificial conditions. Hans Witte appeared on 'TV-Noord-Holland' on the issue of the return of the old 'Zuyderzee herring' in the Wadden Sea. 12 radio-interviews were broadcasted, mostly for the scientific programmes 'TELEAC Hoe?Zo!' and VARA's 'Vroege Vogels' (Early Birds), a very popular Dutch nature programme on Sunday mornings. Hans Witte and Mark Lavaleye have their monthly programme on marine issues on 'Radio Texel'.

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POSTERS

- Amaro, T., B. Bett, A. Gooday, H.C. de Stigter & D. Billett. Deep-sea canyon faunas off the Portuguese margin. EGU General Assembly, Vienna, Austria, 2-7 April.
- André, L., H. Arlinghaus, J. Bijma, L. Chauvaud, F. Dehairs, J. Erez, F. Jorissen, G.-J. Reichart, S. Schouten & R. Zahn. Development, calibration and application of independent salinity proxies – PaleoSalt. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.

- Arrieta, J.M., H. van Aken & G.J. Herndl. Meso- and bathypelagic community composition of bacteria and archaea in the North Atlantic as revealed by T-RFLP. Ocean Sciences Meeting, Honolulu, Hawaii, USA, 20 – 24 February.
- Bauersachs, T., S. Schouten, L.J. Stal & J.S. Sinninghe Damsté. N₂-fixing cyanobacteria: key organisms in present and past biogeochemical cycles. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Blaga, C.I., F. Verbruggen, L.W. Vissers, A.F. Lotter, O. Heiri, G-J. Reichart, G. Muyzer, H.J. Laanbroek & J.S. Sinninghe Damsté. Validation of palaeotemperature proxies in European Lakes. 13th Annual Symposium NSG, Utrecht University, 30 November.
- Boere, A., B. Abbas, J.S. Sinninghe Damsté & M. Coolen. Does natural fragmentation of fossil DNA differ among cell types? Implications for DNA as a novel paleoecological tool. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Bontes, B.M., K.R. Timmermans, I. Neven, J.T.M. Elzenga, P. Boelen, A.G.J. Buma & H.J.W. de Baar. Effects of ocean acidification on Southern Ocean diatoms. CARBOOCEAN meeting, Gran Canaria, Spain, 4 – 8 December.
- Booij, K., R. van Bommel, A. Mets & R. Dekker. SPMD performance under conditions of heavy biofouling. International Passive Sampling Workshop, Bratislava, Slovakia, 3-6 May.
- Brandsma, J., A.M. Langezaal, M. Schmid, S. Schouten, E.C. Hopmans, G.J. van der Zwaan, M.C.M. Jetten & J.S. Sinninghe Damsté. Benthic foraminifera and the nitrogen cycle – The interaction between Globobulimina and nitrate reducing bacteria. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Cadée, G.C. Is the increase in tropical drift seeds found on the Dutch coast related to global warming? Annual meeting SWG Haarlem, 22 January.
- Cardoso, J.F.M.F., J. Campos, V. Freitas, S. Santos, J.I.J. Witte & H.W van der Veer. Intra- and interspecies comparison of energy flow in bivalves by means of Dynamic Energy Budgets (DEB theory). 4th CIMAR Meeting, Peniche, Portugal, 20 - 21 October.
- de Baar, H.J.W., R. Middag & P. Laan. Dissolved aluminium and manganese as source tracers for iron in polar oceans. International Polar Year meeting, The Hague, 16 November.
- de Boer, P.L., M. Harting, A. Mueller & K.J. van der Zwan. Distinction between black shales formed in high-productivity and in stagnant-basin settings. AGU Fall Meeting, San Francisco, California, USA, 11–15 December.
- de Bruin, T.F. & W.T.B. van der Lee. The Netherlands National Oceanographic Data Committee – A model for nationwide oceanographic data management. Oceanology International, Excel, London Docklands, United Kingdom, 21-23 March.
- de Bruin, T.F. Access to oceanographic data in The Netherlands. NODC-*i* – The national infrastructure for opening up oceanographic and marine data and information. Oceanology International, Excel, London Docklands, United Kingdom, 21-23 March.

de Bruin, T.F. Differences in CTD operations: significant differences in the resulting data? ICES Annual Science Conference, Maastricht, 19-23 September.

de Bruin, T.F. Netherlands Polar Programme – Organization, science and data management. SCAR Open Science Conference, Hobart, Australia, 12-14 July.

de Bruin, T.F. The SCAR/COMNAP Joint Committee on Antarctic Data Management (JCADM). SCAR Open Science Conference, Hobart, Australia, 12-14 July.

de Bruin, T.F. The SCAR/COMNAP Joint Committee on Antarctic Data Management (JCADM). VII Spanish Symposium on Polar Studies, Granada, Spain, 18-20 September.

de Goeij, J.M. & F.C. van Duyl. Encrusting sponges play a key role in DOM removal in coral cavities. 6th European Meeting International Society for Reef Studies, Bremen, Germany, 18-22 September.

de Goeij, J.M. & F.C. van Duyl. Sponges feeding mainly on dissolved organic matter (DOM)? 7th International Sponge Symposium, Búzios, Brasil 7-13 May.

de Haas, H., F. Mienis, T.C.E. van Weering, H.C. de Stigter & T.O. Richter. Carbonate mound provinces and cold water corals along the NE Atlantic margin. EGU General Assembly, Vienna, Austria, 2-7 April.

de Haas, H., F. Mienis, T.C.E. van Weering, H.C. de Stigter & T.O. Richter. Carbonate mound provinces and cold water corals along the NE Atlantic margin, EGU Geophysical Research Abstracts 8, Vienna, Austria, 2-7 April.

de Stigter, H.C., W. Boer, T.O. Richter & T.C.E. van Weering. The 1755 Lisbon Earthquake in the sedimentary record of submarine canyons off Portugal. 5th Symposium on the Atlantic Iberian Margin, Aveiro, Portugal, 2-4 November.

Duineveld, G.C.A., M.S.S. Lavaleye, M. Bergman & F. Mienis. Particle supply to the SW Rockall coral communities. HERMES annual meeting, Mallorca, Spain, 18-21 April.

Evans, C. & C.P.D. Brussaard. The significance of viruses for polar marine ecosystem functioning. International Polar Year meeting, Den Haag, 16 November.

Fallet, U., G.-J. Brummer, E. Koning, H. Ridderinkhof, M. Schouten, S. Schouten & J. Zinke. Seasonal isotope and divalent cation fluxes of pelagic and benthic carbonates from the Mozambique Channel. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.

Fallet, U., G.-J. Brummer, H. Ridderinkhof, M. Schouten & J. Zinke. Seasonal isotope and divalent cation fluxes of pelagic and benthic carbonates from the Mozambique Channel. EGU, Vienna, Austria, 10–14 April.

Fallet, U., G.J.A. Brummer, H. Ridderinkhof, M. Schouten & J. Zinke. Seasonal isotope and divalent cation fluxes of pelagic and benthic carbonates from the Mozambique Channel. 8th Nederlands Aardwetenschappelijk Congres, Veldhoven, 24-25 April.

Forster, A., K. Moriya, S. Schouten, P.A. Wilson & J.S. Sinninghe Damsté. The Cenomanian/Turonian transition in the tropics: a dual-proxy sea surface temperature record from the Demerara Rise (ODP Leg 207). European Geosciences Union Meeting, Vienna, Austria, 2-7 April.

Garrett, C. & T. Gerkema. The hydrostatic assumption in internal tide generation theory. AGU fall meeting, San Francisco, USA, 11-15 December.

- Gerringa, L.J.A., H.J.W. de Baar, P. Laan, C.E. Thuroczy & M. Klunder. Physical and chemical speciation of dissolved Fe in the polar oceans. International Polar Year meeting, The Hague, 16 November.
- Hall, R., J. Huthnance, M. Inall, H. van Haren & R. Williams. Mixing in Faroe- Shetland Channel. Challenger Conference for Marine Science, Oban, UK, 11-15 September.
- Harlander, U. & L.R.M. Maas. Equatorial internal waves and associated boundary layers. Geo. Res. Abstracts, EGU General assembly. Vienna, Austria, 2-7 April.
- Herndl, G.J., T. Reinthaler, E. Teira, J.M. Arrieta & H. van Aken. Role of archaeal and bacterial activity in the carbon cycling of the meso- and bathypelagic realm of the North Atlantic Ocean. Ocean Sciences Meeting, Honolulu, Hawaii, USA, 20 – 24 February.
- Hetzel, A., A. Forster & H.-J. Brumsack. Depositional environment of C/T black shales: implications from trace metal patterns. National IODP-ICDP Colloquium 2006, Greifswald, Germany, 27-29 March. (poster award 1st place) and European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Hippler, D., R. Witbaard & A. Immenhauser. Environmental or biological records from bivalve shells (*Mytilus edulis*) of the Dutch Wadden Sea. Geophysical Research Abstracts, Vienna, Austria, 2-7 April.
- Hippler, D., R. Witbaard, D. Bühl, M. Hansen Klünder, D. Frei & A. Immenhauser. Environmentally or biologically controlled proxy records from bivalve shells of the Dutch Wadden Sea. Fall Meeting: San Francisco, California, USA, 11-15 December.
- Hommersom, A., K. Valdmets, S. Peters & M.R. Wernand. Measuring Optical Heterogeneity in the Wadden Sea. OOXVIII Conference, Montreal, Canada.
- Huguet, C., A. Schimmelmann, R. Thunell, L.J. Lourens, J.S. Sinninghe Damsté & S. Schouten. A study of the TEX₈₆ paleothermometer in the water column and sediments of the Santa Barbara Basin, California, Dutch climate variability symposium, Amsterdam, 10th October.
- Huguet, C., M. Thurston & D. Billett. Factors controlling the distribution of decapod crustaceans on the continental slope and abyssal plain, 11th Deep Sea Symposium, Southampton, UK, 9-14 July.
- Jaeschke, A.J., E.C. Hopmans, S.G. Wakeham, S. Schouten & J.S. Sinninghe Damsté. Anaerobic ammonium oxidation in the Arabian Sea. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Jesus, C.C., H.C. de Stigter, A. Oliveira & F. Rocha. Fine-fraction mineralogy of Setubal Canyon and adjacent continental margin and slope (SW Portugal). 5th Symposium on the Atlantic Iberian Margin, Aveiro, Portugal, 2-4 November.
- Jonkers, L.P., M.A. Prins, G.-J. Weltje, A. Ganopolski, S. Troelstra, A. Kuipers & G.-J. Brummer. Hysteresis response of thermohaline circulation to fresh-water forcing revealed by an unmixed grain-size record from the North Atlantic. EGU General Assembly, Vienna, Austria, 3-7 April.
- Lotter, A.F., F. Verbruggen, C.I. Blaga, L.W. Vissers, O. Heiri, G.-J. Reichert, G. Muyzer, H.J. Laanbroek & J.S. Sinninghe Damsté. Validation of Palaeotemperature Proxies in European Lakes. 10th International Paleolimnology Symposium, Duluth, Minnesota, USA, 25-29 June.

- Marino, G., E.J. Rohling, S. Schouten & J.S. Sinninghe Damsté. Water column dynamics in the Aegean Sea during MIS5e. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Mienis, F., T. Richter, H. Vonhof, M. van Breukelen, C. van der Land, H. de Haas, H. de Stigter & T.C.E van Weering. Stable isotope chemistry of deep water coral species and associated fauna from carbonate mound areas at the Rockall Trough margin; paleo-oceanographic implications. EGU General Assembly, Vienna, Austria, 2-7 April.
- Mienis, F., T. van Weering, T. Richter, C. van der Land, H. de Haas, H. de Stigter, H. Vonhof & M. van Breukelen. Stable isotope chemistry of deep water coral species and associated fauna from the Rockall Trough margin carbonate mounds; paleo-oceanographic implications. 3rd Euromargins Conference "Processes at the passive continental margins", Bologna, Italy, 4-7 October.
- Mollenhauer, G., J.S. Sinninghe Damsté & T.I. Eglinton. Effects of differential degradation of marine organic compounds on preserved radiocarbon ages and biomarker-based SST-Reconstructions. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Mueller, A., J.S. Sinninghe Damsté, M. Harting, P.L. de Boer, K.J. van der Zwan & S. Kolonic. Conditions and forcing mechanisms for the deposition of black shales during Mid-Cretaceous Oceanic anoxic events (OAEs). 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Omeregic, E.O., H. Niemann, G. de Lange, V. Mastalerz, A. Stadnitskaia, A. Kappler, A., K.L. Straub, J.P. Foucher & A. Boetius. Biogeochemistry of sulfide-oxidizing and iron-oxidizing bacterial mats at the Chefren mud volcano. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Pagani, M., N. Pedentchouk, M. Huber, A. Sluijs, S. Schouten, H. Brinkhuis, J.S. Sinninghe Damsté & G.R. Dickens. Arctic Hydrology during Global Warming at the Palaeocene-Eocene Thermal Maximum. Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, NH, USA, 6-11 August.
- Palacz, A., C. Maier, L. Thomsen & G. Duineveld. Flume tank experiments on tentacle behavior and particle encounter of the cold-water coral *Lophelia pertusa* at varying flow speed. 6th European Meeting Int. Soc. Reef Studies (ISRS), Bremen, Germany, 19-22 September.
- Palmer, M., M. Cooper, S. Schouten & G. Reichert. A 30 kyr record of surface water pH, pCO₂ and nutrients in the Northern Arabian Sea. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Parada, V., A.C. Baudoux, C.P.D. Brussaard & G.J. Herndl. Dynamics in virioplankton production in the North Sea. Ocean Sciences Meeting, Honolulu, Hawaii, USA, 20 – 24 February.
- Rampen, S.W., S. Schouten, E. Koning, G.-J.A. Brummer & J.S. Sinninghe Damsté. Lipids from the diatom genus *Proboscia* as palaeoproductivity indicators. Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, New Hampshire, USA, 6–11 August.
- Rampen, S.W., S. Schouten, S.G. Wakeham & J.S. Sinninghe Damsté. Lipids from the diatom genus *Proboscia* as palaeoproductivity indicators. TMS Meeting, Utrecht, 9-10 March.

- Rampen, S.W., S. Schouten, S.G. Wakeham & J.S. Sinninghe Damsté. Lipids from the diatom genus *Proboscia* as palaeoproductivity indicators. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Ratray, J.E., D. Wöebken, P. Lam, M.M.M. Kuypers, G. Lavik, M. Hamersley, E.C. Hopmans, S. Schouten & J.S. Sinninghe Damsté. A comparison of analytical techniques used for the detection of anaerobic ammonium oxidation in oceanic upwelling systems. Gordon Research Conference on Marine Microbes, Biddeford, Maine, USA, 22-28 July.
- Reinthal, T., E. Sintès & G.J. Herndl. Dissolved organic matter and bacterial production and respiration in the sea-surface microlayer of the open Atlantic and the western Mediterranean Sea. ISME-11 Meeting, Vienna, Austria, 24-29 August.
- Reinthal, T., P.J. LeB. Williams, J. Aristegui & G.J. Herndl. Prokaryotic respiration and production in the meso- and bathypelagic realm of the eastern and western North Atlantic Basin. Ocean Sciences Meeting, Honolulu, Hawaii, USA, 20-24 February.
- Rejas M., C. Taberner, J.J. Pueyo, S. Giralt, H. de Haas, F. Mienis & T. C. E. van Weering. Isotopic composition of the carbonate crusts from the Penduick Escarpment (Moroccan Atlantic slope, Gulf of Cadiz) implications for the interpretation of methane sources. 3rd Euromargins Conference "Processes at the passive continental margins", Bologna, Italy, 4-7 October.
- Rejas, M, C. Taberner, S. Schouten, M. Baas, P. Mata, J.M. de Gibert, V. Díaz del Río & L. Somoza. Anaerobic methane oxidation and carbonate precipitation in the carbonate crusts from The Gulf of Cadiz. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Rejas, M., C. Taberner, H. de Haas, F. Mienis & T.C.E. van Weering. Origin and characterization of carbonate crusts of Pen Duick Escarpment (Gulf of Cadiz). EGU Geophysical Research Abstracts 8, Vienna, Austria, 2-7 April.
- Sangiorgi, F., H. Brinkhuis, H.J. Brumsack, S. Schouten & G.-J. Reichert. The Arctic Ocean Cenozoic record: first insights into the greenhouse - icehouse transition and its missing sediment record (IODP 302, ACEX). 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Schmid, M.C., J. van de Vossenberg, M.M.M. Kuypers, J.S. Sinninghe Damsté, N. Risgaard-Petersen, H.J. Op den Camp, M.S. Jetten & M. Strous. Interactions of anaerobic ammonium oxidizing bacteria in the marine nitrogen cycle. 11th International Symposium on Microbial Ecology (ISME-11), Vienna, Austria, 20-25 August.
- Schouten, S., C. Wuchter, B. Abbas, M.J.L. Coolen, L. Herfort, J. van Bleijswijk, E. Teira, G. Herndl, J.J. Middelburg & J.S. Sinninghe Damsté. Archaeal nitrification in the ocean. Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, NH, USA, 6-11 August.
- Sligting, M., H.J.W. de Baar, K.R. Timmermans, J. Uitz, M.J.W. Veldhuis, M.R. Wernand & H. van der Woerd. Satellite observations compared to ship borne fluorescence and chlorophyll a measurements near the Isles Kerguelen (Southern Ocean). ASLO Ocean Sciences meeting, Hawaii, USA, 20-24 February.

- Sligting, M.H., J. van der Woerd & M.R. Wernand. Satellite Observations Compared to Ship Borne Fluorescence and Chlorophyll A Measurements near the Isles Kerguelen (Southern Ocean). OOXVIII Conference, Montreal, Canada.
- Stadnitskaia, A., D. Nadezhkin, V. Blinova, M.K. Ivanov & J. Sinninghe Damsté. Formation of methane-related carbonate crust as deduced from geochemical study. The Gulf of Cadiz, NE Atlantic. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Stadnitskaia, A., E. Omoregie, A. Boetius & J.S. Sinninghe Damsté. Lipid composition and methanotrophic diversity in different fluid venting environments of the Nile deep-sea fan, Eastern Mediterranean. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Stadnitskaia, A., M.K. Ivanov, T.C.E. van Weering & J.S. Sinninghe Damsté. Biogeochemical Processes Occurring at Fluid/Methane Venting Areas at the Seafloor. 15th Anniversary Training Through Research Post-Cruise Meeting: Geological Processes on Deep-Water European Margins. Moscow/Zvenigorod, Russia, 29 January - 4 February.
- Stadnitskaia, A., M.K. Ivanov, V. Blinova, R. Kreulen & T.C.E. van Weering. Molecular and carbon isotopic variability of hydrocarbon gases from mud volcanoes in the Gulf of Cadiz, NE Atlantic. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Stoica, E. & G.J. Herndl, Links between DMSP-producing algal blooms and bacterioplankton community composition in the northwestern Black Sea (Romanian sector). Int. Symposium on DMSP, Norwich, UK, 2-6 May.
- Timmermans, K.R., H.J.W. de Baar, H. de Porto, S. Ober, M. Bakker, J. Schilling, G. Sarthou, L.J.A. Gerringa & M. Smit. New European facility for ultraclean sampling of trace elements and isotopes in the oceans in the GEOTRACES program. ASLO Ocean Science meeting, Hawaii, 20-24 February; EGU General Assembly, Vienna, Austria, April; AGU Fall Meeting, San Francisco, USA, 12 December.
- van Bentum, E., A. Forster, G.-J. Reichart & J. Sinninghe Damsté. Evolution of the depositional environment and variations in organic matter sources during the Cenomanian/Turonian oceanic anoxic event at Demerara Rise. 13th Annual Symposium NSG, Utrecht University, 30 November.
- van Bentum, E.C., A. Forster, G.-J. Reichart & J.S. Sinninghe Damsté. Evolution of the depositional environment and variations in organic matter sources during the Cenomanian/Turonian oceanic anoxic event at Demerara Rise. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- van den Hout, P.J., T. Piersma, A. Dekinga, S.K. Lubbe & G.H. Visser. Ruddy turnstones *Arenaria interpres* rapidly build pectoral muscle after raptor scares. XXIV International Ornithological Congress, Hamburg, Germany, 13-19 August.
- van der Land, C., F. Mienis, H. de Haas, M. van der Vorstenbosch & T.C.E. van Weering. Early cementation in carbonate mounds in the Rockall Trough. 13th Annual Symposium NSG, Earth's energy budget in past, present and future. Utrecht University, 30 November.

- van der Land, C., F. Mienis, T.C.E. van Weering, R. Steinacher, H. de Haas, H. de Stigter & T. Richter. Sedimentology of a carbonate mound area on the SW margin of the Rockall Trough. EGU General Assembly, Vienna, Austria, 2-7 April.
- van der Land, C., F. Mienis, T.C.E. van Weering, R. Steinacher, H. de Haas, H. de Stigter & T. Richter. Sedimentology of a carbonate mound area on the SW margin of the Rockall Trough, 8th Nederlands Aardwetenschappelijk Congres, Veldhoven, 24-25 April.
- van der Meer, J., J.F.M.F. Cardoso & H.W. van der Veer. Dynamic energy budgets in bivalves. Gordon Research Conferences, Lewiston, Maine, USA, 9-14 July
- van der Meer, M.T.J., S. Schouten, M. Baas, J. Bijma, I. Zondervan, A. Benthien & J. Sinninghe Damsté. Stable hydrogen isotopic composition of long chain alkenones: Biological controls and applications. Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, NH, USA, 6-11 August.
- van Haren, H. & C. Millot. Gyroscopic waves in the Mediterranean Sea. Ocean Sciences Meeting, Honolulu, HI, USA, 20-24 February.
- van Haren, H. & I. Taupier-Letage & C. Millot. Fast deep sinking in Mediterranean eddies. Ocean Sciences Meeting, Honolulu, HI, USA, 20-24 February.
- van Haren, H. Tidal and Near-Inertial peak variations around the diurnal critical latitude. Ocean Sciences Meeting, Honolulu, HI, USA, 20-24 February.
- van Leeuwen, S., S. Dye, D. Mills, J.W. Baretta & P. Ruardij. Modelling the influence of climate change on stratification and near bottom oxygen depletion. International Symposium on Research and Management of Eutrophication in Coastal Ecosystems, Nyborg, Denmark, 20-23 June.
- Veldhuis, M.J.W. & J.P. Boon. NIOZ; a research facility for strategic Ballast Water Research. Exhibition Shipbuilding, Machinery & Marine Technology (SMM), Hamburg, Germany, 26 – 29 September.
- Veldhuis, M.J.W., G. Dubelaar & P. Gerritzen. Silico-imaging: a new application flow cytometry. ASLO meeting, Vancouver, Canada, 11-15 June.
- Vézina, F., K. Jalvingh, A. Dekinga & T. Piersma. Fattening knots do better in the cold. Wader Study Group meeting, Falsterbo, Sweden.
- Vézina, F., K. Jalvingh, A. Dekinga & T. Piersma. Thermoregulatory side effects of migratory predisposition in shorebirds. American Physiological Society, Virginia Beach, USA.
- Weijers, J., S. Schouten, E. Schefuss, J.C. van den Donker & J.S. Sinninghe Damsté. A new proxy for continental palaeo temperature reconstruction based on membrane lipids of soil bacteria in marine sediments. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Weijers, J.W.H., Continental paleo pH and temperature reconstruction with membrane lipids from soil bacteria, Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, NH, USA, 6-11 August.
- Weijers, J.W.H., S. Schouten, J.C. van den Donker, E. Schefuß & J.S. Sinninghe Damsté. A new proxy for continental palaeo temperature reconstruction based on membrane lipids of soil bacteria in marine sediments. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.

- Weinbauer, M.G., M. Agis, O.O. Lee, C. Maier & P.-Y. Qian. Bacterial and archaeal phylotypes of octocorals from temperate and deep coral bioherms. 6th European Meeting Int. Soc. Reef Studies (ISRS), Bremen, Germany, 19-22 September.
- Wernand, M.R. & M.J.W. Veldhuis, H.J. van der Woerd. Estimating phytoplankton biomass in case ii waters using a flh 2-band algorithm. OOXVIII Conference, Montreal, Canada.
- Wilhartitz, I., R.L. Mach, G. Ryzinska, A.K.T. Kirschner, H. Stadler, G.J. Herndl, U. Szewzyk & A.H. Farnleitner. Biogeochemical significance of stable microbial endokarst communities in spring water and alpine karst aquifers. ISME-11 Meeting, Vienna, Austria, 24-29 August.
- Zemmelink H.J., L. Houghton, J.W.H. Dacey, D. O'Toole, N. Bates, C. Brussaard, & H.J.W. de Baar. Gradients in alkalinity and dissolved inorganic carbon near the sea surface of the subtropical north Atlantic. CAR-BOOCEAN meeting, Gran Canaria, Spain, 4-8 December.

ORAL PRESENTATIONS

- Bak, R.P.M. Coral Reef Ecosystems (Master Course Limnology and Oceanography) Lecture series, Amsterdam University, November.
- Bak, R.P.M. Long term reef dynamics in Bonaire reefs. Foundation for National Parks STINAPA, Bonaire, 8 March.
- Bak, R.P.M., G. Nieuwland & M.N. Nugues. Variation in vitality components through coral reef systems. International Society for Reef Studies, Bremen, Germany, 23-27 September.
- Baretta-Bekker, J.G., T.C. Prins & C.J.M. Philippart. Dutch long-term time series. Meeting of the ICES Workgroup on Eutrophication, Denmark, 11-15 September.
- Beckmann, B., P. Hofmann, S. Schouten, J.S. Sinninghe Damsté & T. Wagner. Biomarker evidence from Demerara Rise for surface and deep water redox conditions in the mid Cretaceous Western Equatorial Atlantic. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Beckmann, B., S. Schouten, J.S. Sinninghe Damsté, T. Wagner & P. Hofmann. What controlled black shale sedimentation in the Coniacian-Santonian western tropical Atlantic? – Indicators for land-ocean interaction on Milankovitch time-scales during the Oceanic Anoxic Event 3. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Bendle, J.A., J.S. Sinninghe Damsté, J.W. Weijers, M. Maslin, E.C. Hopmans, C. Boot & R.D. Pancost. A 35,000 year record of microbial membrane lipid proxies in Amazon Fan sediments: changes in terrigenous and marine temperatures and sources of organic carbon. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Bergman, M.J.N. Offshore Windpark Egmond aan Zee (OWEZ): effects on settlement and survival of benthic fauna. Amsterdam, 1 May
- Boom, L. Hull Penetrating Instrumentation Platform for Ferries. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.

- Booij, K. Chemical and toxicological background of the MARPOL treaty. Course “Sustainable Sea, Sustainable shipping”, NIOZ, 26 September.
- Booij, K., J.N. Huckins & J.D. Petty. Human errors and scientific uncertainties in the calculation of aqueous concentrations from SPMD-absorbed amounts. International Passive Sampling Workshop, Bratislava, Slovakia, 3-6 May.
- Bouruet-Aubertot, P., P. LeLong & H. van Haren. Breaking of inertia-gravity waves as inferred from in-situ measurements and direct numerical simulations. AGU Fall Meeting, San Francisco CA, USA, 11-15 December.
- Brinkhuis, H., A. Sluijs, F. Sangiorgi, S. Schouten & the (extended) ACEX Science Party. The Paleogene history of the Lomonosov ridge; results of the first Arctic drilling. Climate and Biota of the Early Paleogene Conference, Bilbao, Spain, 12-20 June.
- Brinkhuis, H., S. Schouten, M.E. Collinson, A. Sluijs, J.S. Sinninghe Damsté, G.R. Dickens, M. Huber, T.M. Cronin, J.P. Bujak, R. Stein, J.S. Eldrett, I.C. Harding & F. Sangiorgi. A giant arctic freshwater pond at the end of the Early Eocene – Implications for ocean heat transport and carbon cycling. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Brummer, G.-J.A. Marine carbonates: divalent cations and isotope tracers. NWO-DFG annual meeting, NIOZ, 12 January.
- Brummer, G.-J.A. Particle fluxes. NEBROC-ECOLMAS Introductory Course in Marine Sciences. NIOZ, 15 November.
- Brummer, G.-J.A., L.P. Jonkers, G.M. Ganssen & F.J.C. Peeters. Tying modern to past ocean variability in Atlantic meridional overturning circulation as documented by sedimentary records. Cambridge, UK, 8 May.
- Brummer, G.-J.A., U. Fallet & S. Schouten. Decoupling temperature and salinity effects in biogenic carbonates. Paleosalt kick-off meeting, Brussels, Belgium, 17 May.
- Brussaard, C.P.D. Collection, processing and preservation for direct counts and flow cytometry. SCOR Working Group 126 Virus Ecology in Marine Systems. Workshop on Methods, Vancouver, BC, Canada, 1-3 June.
- Brussaard, C.P.D. Viral lysis rates of *Phaeocystis globosa* affected by virus abundance. ASLO Summer Meeting, Victoria, BC, Canada, 4-9 June.
- Brussaard, C.P.D. *Phaeocystis* viruses. Practical Workshop on virus ecology methods, Marine Biological Association of the UK, Plymouth, 23-28 July 2006.
- Buijsman, M.C. (non-) Tidal water transport in the Marsdiep inlet. Netherlands Centre for Coastal Research (NCK). Kijkduin, March.
- Buijsman, M.C. The relation between currents and seasonal sand-wave variability as observed with ferry-mounted ADCP. Physics of estuaries and coastal seas (PECS). Astoria, USA, September.
- Cadée, G.C. Popularisation of Marine Biology 1600 – 1950. Gesch. Oceanografie Club, Utrecht, 23 March; KNNV Den Helder, 13 October; Texel, 2 November.

- Campbell, H.R. & T.F. de Bruin. Data Management for SCAR Scientific Research Programmes. SCAR Open Science Conference, Hobart, Australia, 12-14 July.
- Camphuysen, C.J. European seabirds – what is it we are protecting? Workshop on impact of oil spills on seabirds, A Coruña, Spain, 7-9 September.
- Camphuysen, C.J. Gekleuringde zilvermeeuwen: droomproject of nachtmerrie? 47e ringersdag, Arnhem, 9 December.
- Camphuysen, C.J. On the spot descriptions of the sensitivity of sea areas regarding oil spills and forecasting shifts in the abundance of the most sensitive species. Workshop on impact of oil spills on seabirds, A Coruña, Spain, 7-9 September.
- Camphuysen, C.J. Seabirds and marine mammals in de Southern Bight under pressure or utilizing opportunities? 9th Intern. Seabird Group Conf. 'North Atlantic Seabird Populations.' Aberdeen University, Scotland, 1-3 September.
- Camphuysen, C.J. Walvissen in Nederland 1900-2005: de noodzaak tot zorgvuldige registratie in tijden van verandering. 4th Symposium Walvisstrandingen in Nederland, Naturalis, Leiden, 29 September.
- Camphuysen, C.J. Whales, dolphins and porpoises in the southern North Sea. TNO-FEL workshop, Den Haag, 7 March.
- Camphuysen, C.J. Zeevogels in de Noordzee: veranderingen in voedselaanbod en broedsucces op korte en lange termijn. Landelijke Dag SOVON/Vogelbescherming Nederland, Nijmegen, 25 November.
- Campos, J., K. Peijnenburg, P. Luttkhuizen, J. van Bleijswijk & H.W van der Veer. Phylogeography of the common shrimp *Crangon crangon* in European waters 41st European Marine Biology Symposium, Cork, Ireland, 4-8 September.
- Cardoso, J.F.M.F., J. Campos, V. Freitas, S. Santos, J.I.J. Witte & H.W van der Veer. Intra- and interspecies comparison of energy flow in bivalves by means of Dynamic Energy Budgets (DEB theory). 4th CIMAR Meeting, Peniche, Portugal, 20 - 21 October.
- Coolen M. Preserved DNA in Holocene lake sediments: A window on past microbial communities and paleoenvironments. 10th International Paleolimnology Symposium, Duluth, Minnesota, USA, 25-29 June.
- Coolen, M.J.L, B. Abbas, S.G. Wakeham & J.S. Sinninghe Damsté. Ammonia-oxidizing planktonic crenarchaeota in the Black Sea. Ocean Science Meetings, Honolulu, HI, USA, 20-24 February.
- de Baar, H.J.W. & R.F. Anderson. GEOTRACES in the International Polar Year. EGU General Assembly, Vienna, Austria, 4 April; AGU Fall Meeting, San Francisco, USA, 11 December.
- de Baar, H.J.W. Antarctica. Rotary Service Club, Bergen, 28 February.
- de Baar, H.J.W. Iron makes diatoms blooming but cannot change atmospheric CO₂ or climate. Netherlands-Flemish Ecologists Society (NECOV), Brussels, Belgium, 16 February.
- de Baar, H.J.W. Modern iron fertilization experiments in the Southern Ocean. BE-POLES meeting, Belgian Research in Polar Regions, Brussels, Belgium, 24 March.

- de Baar, H.J.W. The role of iron in plankton growth and carbondioxide uptake in the Antarctic Ocean (De Rol van ijzer in algengroei en CO₂-opname in de Antarctische Oceaan). Odd Fellows Service Club, Groningen, 13 February.
- de Baar, H.J.W., K.R. Timmermans, B.S. Twining, D. Wolf-Gladrow, Y. Bozec, L.J. Gerringa, M.J. Rijkenberg & P. Laan. Iron makes big diatoms blooming, but cannot change carbon dioxide and climate. AGU/ASLO Ocean Sciences, Hawaii, USA, 20-24 February.
- de Bruin, T.F. & M.A. Parsons. Data Management for the International Polar Year – Ensuring the Legacy. SCAR Open Science Conference, Hobart, Australia, 12-14 July.
- de Bruin, T.F. Antarctic and Southern Ocean Data Management by the Joint SCAR/COMNAP Committee on Antarctic Data Management, CODATA2006, Beijing, China, 23-25 October.
- de Bruin, T.F. Antarctic Data Management as Part of the IPY Legacy. AGU Fall Meeting 2006, San Francisco, USA, 11-15 December.
- de Bruin, T.F. Data management for MarinERA. Ad-hoc meeting of MarinERA, Brussels, Belgium, 29 March.
- de Bruin, T.F. De Nationale Oceanografische Data Commissie – Het Nationaal Platform voor oceanografisch data management. Vergadering Directie Team RIKZ, Den Haag, 24 January.
- de Bruin, T.F. De Nationale Oceanografische Data Commissie – Het Nationaal Platform voor oceanografisch data management. NODC-i Klankbord Groep bijeenkomst, Utrecht, 7 February.
- de Bruin, T.F. Do differences in CTD operations affect science? – Results from the questionnaire on CTD operations. ICES Working Group on Marine Data Management (WGMDM) annual meeting, Copenhagen, Denmark, 8-10 May.
- de Bruin, T.F. European Marine Observation and Data Network: De EU wil iets gaan opzetten, wat al grotendeels bestaat. Kennisbijeenkomst consultatie EU-Groenboek, Den Haag, 30 November.
- de Bruin, T.F. IPY Data management in Nederland en internationaal. Vergadering Nationaal IPY Committee, Den Haag, 21 September.
- de Bruin, T.F. IPY Data: Free and open access, and on the shortest feasible timescale. IPY-NL Information Meeting, Den Haag, 16 November.
- de Bruin, T.F. JCADM and the SCAR Scientific Research Programmes. SCAR Life Sciences Business Meeting, Hobart, Australia, 8-11 July.
- de Bruin, T.F. JCADM and the SCAR Scientific Research Programmes. SCAR Geo Sciences Business Meeting, Hobart, Australia, 8-11 July.
- de Bruin, T.F. JCADM Chief Officer Report, JCADM-10 annual meeting, Hobart, Australia, 8-11 July.
- de Bruin, T.F. JCADM, SCAR, SCOR, IODE, POGO, WDC and the Southern Ocean database. IODE Data Centers meeting, BODC, Liverpool, United Kingdom, 10-11 April.
- de Bruin, T.F. JCADM, SCAR, SCOR, POGO, IODE and the Southern Ocean database. IPY Data Management Workshop, British Antarctic Survey, Cambridge, United Kingdom, 3-4 March.
- de Bruin, T.F. NODC-i – A National Infrastructure for access to oceanographic and marine data and information in The Netherlands. IODE Data Centers meeting, BODC, Liverpool, United Kingdom, 10-11 April.

de Bruin, T.F. NODC-i – Een Nationale Infrastructuur voor toegang tot oceanografische en mariene gegevens en informatie. Workshop Bruggen bouwen tussen Ruimte voor Geo-Informatie en Klimaat voor Ruimte, Amsterdam, 14 June.

de Bruin, T.F. NODCi – The National Infrastructure for access to oceanographic and marine data and information in The Netherlands, ICES Annual Science Conference, Maastricht, 19-23 September.

de Bruin, T.F. Oceanographic data management for the International Polar Year (IPY). IODE Data Centers meeting, BODC, Liverpool, United Kingdom, 10-11 April.

de Bruin, T.F. Oceanographic Data Management for the International Polar Year (IPY). ICES Working Group on Marine Data Management (WGMDM) annual meeting, Copenhagen, Denmark, 8-10 May.

de Bruin, T.F. Oceanographic Data Management for the International Polar Year (IPY), SeaDataNet First Plenary Meeting, Heraklion, Greece, 8-10 June.

de Bruin, T.F. Report from the IPY Data Policy and Management Subcommittee. IPY Data Management Workshop, British Antarctic Survey, Cambridge, United Kingdom, 3-4 March.

de Bruin, T.F. Report from the IPY Data Policy and Management Subcommittee. 1st meeting of IPY Observations Subcommittee, Potsdam, Germany, 27-28 March.

de Bruin, T.F. Report from the IPY Data Policy and Management Subcommittee. 3rd Meeting of the IPY Joint Committee, Cambridge, United Kingdom, 20-22 April.

de Bruin, T.F. Report from the IPY Data Policy and Management Subcommittee. IPY Consultative Forum, Hobart, Australia, 8 July.

de Bruin, T.F. Report of the SCAR/COMNAP Joint Committee on Antarctic Data Management. SCAR Delegates Meeting, Hobart, Australia, 17-19 July.

de Bruin, T.F. Report of the SCAR/COMNAP Joint Committee on Antarctic Data Management. SCAR Executive Meeting, Hobart, Australia, 11 July.

de Bruin, T.F. Some thoughts and remarks on an integrated Southern Ocean database from a data manager's perspective. Southern Ocean Observing System (SOOS) workshop, Hobart, Australia, 15 July.

de Bruin, T.F. The role of the IPY DIS to get hold of old data and keep track of new data. Joint SCAR/SCOR Oceanography Group Meeting, Hobart, Australia, 10-11 July.

de Bruin, T.F. The SCAR/COMNAP Joint Committee on Antarctic Data Management (JCADM). IPY Data Management Workshop, British Antarctic Survey, Cambridge, United Kingdom, 3-4 March.

de Bruin, T.F. The SCAR/COMNAP Joint Committee on Antarctic Data Management. JCADM capacity building workshop, Hobart, Australia, 11 July.

de Jong, M.F. & H.M. van Aken. Intermediate layer variability and local convective mixing in the Irminger Sea. Buys Ballot Autumn Symposium, Koudekerke, 1-3 November.

de Jong, M.F. & H.M. van Aken. Variability and possible convective mixing in the Irminger Sea. ICES Annual Science Meeting, Maastricht, 19-23 September.

de Jong, M.F. & H.M. van Aken. Variability and re-ventilation of LSW in the Irminger Sea. CLIVAR Workshop on Multi Decadal to Centennial Global Climate Variability, Honolulu, Hawaii, USA, 15 – 17 November.

- de Stigter, H.C., W. Boer, G.-J. Brummer, H.G. Epping, F.A. Koning, G. van den Bergh & T.C.E. van Weering. Physical and chemical characterization of benthic environments in the Nazaré Canyon. HERMES 2nd Annual Meeting, Majorca, Spain, 18-22 April.
- Dekker, R. Key processes in marine ecosystems. Marine habitats – tidal flats. NEBROC-Ecolmas course on Marine Sciences, Texel, 6-17 November.
- Dorschel, B., A.J. Wheeler, H. de Haas & V.A.I. Huvenne. Current induced seabed features along the eastern Rockall Trough, NE Atlantic – an interpretation of TOBI side-scan sonar imagery. EGU General Assembly, Vienna, Austria, 2-7 April.
- Drent J. Vooruitzichten van het nonnetje (*Macoma baltica*) in een veranderend klimaat. NECOV winter symposium, Brussels, Belgium, 15-16 February.
- Drijfhout, S. & L. Maas. Impact of channel geometry and rotation on the trapping of internal tides, EGU, Vienna, Austria 6 April.
- Ettwig, K.F., A.A. Raghoebarsing, A. Pol, A. Smolders, K.T. van de Pas-Schoonen, J.S. Sinninghe Damsté, H.J. Op den Camp, M.S. Jetten & M. Strous. Coupling the nitrogen and carbon cycles in freshwater ecosystems. 11th International Symposium on Microbial Ecology (ISME-11), Vienna, Austria, 20-25 August.
- Fang, J., S. Arakawa, C. Kato & S. Schouten. Mobial diversity of cold-seep sediments in Sagami Bay, Japan as determined by 16S rDNA and lipid analyses. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Forster, A., K. Moriya, S. Schouten, P.A. Wilson & J.S. Sinninghe Damsté. A dual-proxy sea surface temperature record of the Cenomanian/Turonian transition in the tropics (Demerara Rise, ODP Leg 207). National IODP-ICDP Colloquium 2006, Greifswald, Germany, 27-29 March.
- Forster, A., S. Schouten, K. Moriya, P.A. Wilson & J.S. Sinninghe Damsté. Tropical warming & intermittent cooling during the mid-Cretaceous Oceanic Anoxic Event 2 (Demerara Rise, ODP Leg 207). National IODP Symposium 2006 drilling extreme climates, Utrecht, 17 March.
- Forster, A., S. Schouten, M. Baas, K. Moriya, P.A. Wilson & J.S. Sinninghe Damsté. The Cretaceous Thermal Maximum and Oceanic Anoxic Event 2 in the tropics: sea-surface temperature and stable organic carbon isotopic records from the equatorial Atlantic. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Frade, P. & R.P.M. Bak. Functional diversity of *Symbiodinium* in closely related coral species with large depth distributions. International Society for Reef Studies, Bremen, Germany, 19-22 September.
- Freitas, V., J. Campos, M. Fonds & H.W. van der Veer. Potential impact of climate change on the functioning of temperate estuaries as fuelling stations for wading birds. 41st European Marine Biology Symposium, Cork, Ireland, 4-8 September.
- Gerkema, T. Earth rotation and ocean dynamics: the Coriolis force revisited. NIOZ, 21 September.
- Gerkema, T. Geophysical Fluid Dynamics. NEBROC-ECOLMAS Introductory Course in Marine Sciences. Texel, 6 November.
- Gerkema, T. L'approximation traditionnelle en dynamique des fluides géophysiques. LODYC (Paris VI), France, 26 September.

- Gerkema, T. L'influence de la rotation sur la réflexion des ondes internes. Journée "Marée interne". ENS-Lyon, France, 25 January.
- Gerkema, T. The ill-posed and non-separable world of internal waves. NDNS+ workshop "Mathematics and Earth Sciences". Groningen University, 30 November.
- Handley, L., E. Hawkins, D. Steart, M. Collinson, A. Scott, E. Crouch, J. Sinninghe Damsté & R. Pancost. The carbon isotope stratigraphy of the PETM – new records from bacterial and higher plant biomarkers. Goldschmidt Conference, Melbourne, Australia, 27 August -1 September.
- Harlander, U. Rossby waves: classical solutions and new problems. NDNS+ workshop "Mathematics and Earth Science", Groningen University, 30 November.
- Harlander, U. Schlecht-gestellte Randwertprobleme in Ozeanographie und Meteorologie. „Arbeitskreis fuer Theoretische Meteorologie“, Schoental, Germany.
- Harlander, U. & L.R.M. Maas. Hyperbolic boundary value problems of Geophysical fluid Dynamics. Geo. Res. Abstracts, EGU General Assembly.
- Herndl, G.J. Bacterial and archaeal functioning and diversity in the major deep water masses of the North Atlantic. Institut für Ostseeforschung Warnemünde, Germany, 1 November.
- Herndl, G.J. Integrating prokaryotic microdiversity into ecosystems function theory. Int. Census of Marine Microbes Annual Meeting, Noordwijkerhout, 12 – 15 June.
- Herndl, G.J. Planktonic Archaea (and Bacteria) in the North Atlantic: what are they doing in the deep waters? Institute of Ecology and Hydrology, University of South Bohemia, Ceske Budejovice, Czech Republic, 26 January.
- Herndl, G.J. The invisible biomass in the North Sea: role of Bacteria and Archaea in ecosystem functioning and its biodiversity. Noordzeedagen, Noordwijkerhout, 5 – 6 October.
- Herndl, G.J. What we learned from the JGOFS program about the role of microorganisms in the carbon cycle. Seminar on Past and Future Carbon Cycling, Paris, France, 7 February.
- Herndl, G.J., H. van Aken, T. Reinthaler, E. Teira, M. Varela, E. Sintes & J.M. Arrieta. Patterns of bacterial and archaeal production and diversity in the deep water masses of the North Atlantic. EGU meeting, Vienna, Austria, 3 – 7 April.
- Herndl, G.J., H. van Aken, T. Reinthaler, E. Teira, M. Varela, E. Sintes, J.M. Arrieta, J. van Bleijswijk & H. Witte. Bacterial and archaeal function and diversity in the major deep water masses of the North Atlantic. Workshop 'Marine Genomics meets Marine Diversity', Bremen, Germany, 8 – 9 June.
- Herndl, G.J., T. Reinthaler, E. Teira, M. Varela, E. Sintes & H.M. van Aken. Distribution of archaeal activity in the meso- and bathypelagic realm of the North Atlantic. ISME-11 Meeting, Vienna, Austria, 24 – 29 August.
- Hippler, D., R. Witbaard & A. Immenhauser. Investigating Ca isotope fractionation and trace metal ratios in modern and fossil bivalve shells. CASIOPEIA kick-off meeting, IfM-Geomar, Kiel, Germany, 24-26 January.
- Hofmann, P., I. Stuesser, T. Wagner, S. Schouten, J.S. Sinninghe Damsté & K. Wallmann. Rapid climate change and associated black shale deposition during past greenhouse conditions: The lower Albian Oceanic Anoxic Event 1b. AGU Fall Meeting, San Francisco, USA, 11-15 December.

- Holmes, S.P. & J. van der Meer. Population genetics and dispersal: can one be used to predict the other? ICES Statutory Meeting, Maastricht, 19 September.
- Huckins, J.N., D.A. Alvarez, R.W. Gale, W.L. Cranor, R.C. Clark, K. Booij & M.E. Bartkow. Some fundamentals of performance reference compounds (PRCs) and other aspects of passive sampling. International Passive Sampling Workshop, Bratislava, Slovakia, 3-6 May.
- Huguet, C. Use of glycerol dibiphytanyl glycerol tetraether lipids in paleoclimate. Institute of Chemical and Environmental Research, Barcelona. Spain, 20 December.
- Huguet, C., B. Martrat, J.O. Grimalt, J.S. Sinninghe Damsté & S. Schouten. Reconstruction of sea surface temperature variations in the Western Mediterranean between 145 and 250 Kyr using the Uk'₃₇ and TEX₈₆ organic proxies. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Jansen, J.H.F. Paleoceanography, General circulation. NEBROC-ECOLMAS Introductory Course in Marine Sciences. NIOZ, 16 November.
- Jansen, J.H.F. Paleoceanography, Terrigenous proxies. NEBROC-ECOLMAS Introductory Course in Marine Sciences. NIOZ, 16 November.
- Jetten, M.S., M. Wagner, T. Rattei, D. Le Paslier, J. Weissenbach, J.S. Sinninghe Damsté, M.M. Kuypers, H.J. Op den Camp, M. Strous. Anaerobic Ammonium Oxidation. 11th International Symposium on Microbial Ecology (ISME-11), Vienna, Austria, 20-25 August.
- Jonkers, L.P., M.A. Prins, G.-J. Weltje, A. Ganopolski & G.-J. Brummer. Geological evidence for hysteresis of the Atlantic meridional overturning circulation in response to freshwater forcing. Rapid Climate Change, International Science Conference, Birmingham, UK, 24-27 October.
- Jonkers, L.P., M.A. Prins, G.-J. Weltje, A. Ganopolski, S. Troelstra, A. Kuipers & G.-J. Brummer. Hysteresis response of thermohaline circulation to fresh-water forcing revealed by an unmixed grain-size record from the North Atlantic. NAC8, Veldhoven, 24-25 April.
- Jonkers, L.P., M.A. Prins, G.-J. Weltje, A. Ganopolski, S. Troelstra, A. Kuipers & G.-J. Brummer. Hysteresis response of thermohaline circulation to fresh-water forcing revealed by an unmixed grain-size record from the North Atlantic. VAMOC-meeting, Cambridge, UK, 8-9 May.
- Jonkers, L.P., M.A. Prins, G.-J. Weltje, A. Ganopolski, S. Troelstra, A. Kuipers & G.-J.A. Brummer. Hysteresis response of thermohaline circulation to fresh-water forcing revealed by an unmixed grain-size record from the North Atlantic. EGU General Assembly, Vienna, Austria, 24-25 April.
- Kaur, G., M. Hall, B. Mountain, L. Benning, S. Schouten & R. Pancost. Using microbial lipids in ancient sinters to elucidate past geothermal chemistry and microbiology. Goldschmidt Conference, Melbourne, Australia, 27 August-1 September.
- Keijzer, E. Fast Thermistor String model 3. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.
- Keijzer, E. New Water Sampler Valve: High Opening Ratio and Inert Material. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.

- Kim, J.-H., S. Schouten, R. Buscail, W. Ludwig, J. Bonnin, F. Bourrin, L. Herfort & J.S. Sinninghe Damsté. Validation study of terrestrial biomarker proxy (BIT index) in the Gulf of Lions (NW Mediterranean). European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Koho, K.A., T.J. Kouwenhoven, H.C. de Stigter, H.G. Epping, F.A. Koning, T.C.E. van Weering & G.J. van der Zwaan. Vertical distribution and microhabitat of benthic foraminifera in Nazaré Canyon: relation to physical disturbance. EGU General Assembly, Vienna, Austria, 2-7 April.
- Laan, P., K. Timmermans, H. de Baar, H. de Porto, S. Ober, M. Bakker, J. Schilling, G. Sarthou, L. Gerringa & M. Smit. Development of ultra clean sampling for GEOTRACES in the international polar year. SOLAS/IMBER/GEOTRACES Workshop, KNAW, Amsterdam, 9 May.
- Lavaleyre, M.S.S. & G.C.A. Duineveld. The trophic positions of the main biota in a cold-water coral community of the SE Rockall Bank. HERMES annual meeting, Mallorca, 18-21 April.
- Lavaleyre, M.S.S. Deep sea. Introductory course marine sciences, NEBROC, Texel, 13 November.
- Luttikhuisen, P.C., J. Campos, K. Peijnenburg, J. van Bleijswijk & H. van der Veer Phylogeography of the common shrimp *Crangon crangon* in European waters. Naturalis, Leiden, 29 November.
- Maas, L.R.M. Is fair weather drowning caused by dead-water? NDNS+ workshop "Mathematics and Earth Sciences", Groningen University, 30 November.
- Maas, L.R.M. Wave attractors, Geometric and Multiscale Methods for Geophysical Fluid Dynamics, Lorentz Center Leiden University, 5 Oktober.
- Maas, L.R.M. Wave attractors: theory and experiments, Technische Universität München, Germany 6 December.
- Maas, L.R.M. Waves in rotating fluids: geometric effects, Oberwolfach, Germany, 20-26 August.
- Maier, C., A. Hoogstraten, J. Hegeman, F.C. van Duyl & M.G. Weinbauer. Abundance and productivity of prokaryotes associated to the cold water corals *Lophelia pertusa* and *Desmophyllum* sp from Rockall Trough and Mingulay Reefs, NE Atlantic. 6th European Meeting Int. Soc. Reef Studies (ISRS), Bremen, Germany, 18-22 September.
- Marino, G., E.J. Rohling, W.I.C. Rijpstra, F. Sangiorgi, H. Brinkhuis, S. Schouten & J.S. Sinninghe Damsté. The role of ceased deep water ventilation in massive organic carbon sedimentation. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Martínez Martínez, J. & C.P.D. Brussaard. *Micromonas pusilla*-specific viruses: characteristics in relation to geographical origin. ASLO Summer Meeting, Victoria, BC, Canada, 4-9 June.
- Mazurenko, L., V.A. Soloviev, M.K. Ivanov, A.E. Logvina, A.N. Stadnitskaya & T.C.E. van Weering. Gas hydrate forming fluids of Kovalesky, Kazakov and Odessa Mudvolcanoes. Geological processes on Deep water European Margins, 15th Training Through Research Conference, Moscow, Russia, 29 January-4 February.
- Mienis, F. Cold water corals around Europe. KNAW workshop, Amsterdam, 9 May.

- Mienis, F., H. de Stigter, H. de Haas, C. van der Land & T. van Weering. Environmental controls on carbonate mound development along the European continental margin. EGU General Assembly, Vienna, Austria, 2-7 April.
- Mienis, F., H. de Stigter, H. de Haas, C. van der Land & T. van Weering. Environmental controls on carbonate mound development along the European continental margin. 8th NAC Congres, Veldhoven, 24-25 April.
- Mienis, F., H. de Stigter, H. de Haas, T. Richter, C. van der Land & T. van Weering. Environmental controls on carbonate mound development along the European continental margin. International conference and 15th TTR post-cruise meeting, Moscow, Russia, 30 January-4 February.
- Mienis, F., T. van Weering, B. Boekschoten, H. Vonhof, H. de Moel, J. Scholten, C. Spliethof & R. Nagtegaal. Koudwaterkoralen van de diepzee. Academische Jaarprijs 2005/2006, Amsterdam, 15 May.
- Mueller, J.F., S. Stephens, M.E. Bartkow, K.E. Kennedy, M. Shaw, U. Bauer, K. Booij, J.N. Huckins & P.A. Berqvist. Do our models appropriately represent the way passive samplers behave. International Passive Sampling Workshop, Bratislava, Slovakia, 3-6 May.
- Ober, S. A New Ultra Clean CTD-System for Sampling of Trace Elements and Isotopes. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.
- Pagani, M., N. Pedentchouk, M. Huber, A. Sluijs, S. Schouten, H. Brinkhuis, J.S. Sinninghe Damsté & G.R. Dickens. The Nature of the negative carbon isotope excursion during the PETM: A view from the Arctic. Climate and Biota of the Early Paleogene conference, Bilbao, Spain, 12-20 June.
- Palmer, M., M. Cooper, S. Schouten & G.-J. Reichert. A 30 kyr record of surface water pH, pCO₂ and nutrients in the northern Arabian Sea. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Parada, V. & G.J. Herndl. Dynamics of newly produced virioplankton in the North Sea. Verwey-days, NIOZ, 31 January.
- Parsons, M.A. & T.F. de Bruin. Data Management for the International Polar Year. EGU General Assembly, Vienna, Austria, 4 April.
- Parsons, M.A. & T.F. de Bruin. Data Management for the International Polar Year – Ensuring the Legacy. IEEE International Geoscience and Remote Sensing Symposium, Denver, Colorado, United States of America, 31 July – 4 August.
- Parsons, M.A. & T.F. de Bruin. The Challenge of and Approach to IPY Data Management– Building the Legacy. AGU Fall Meeting 2006, San Francisco, USA, 11-15 December.
- Philippart, C.J.M. & K. Guizien. Responsive Mode Project 4.3: Pan-European gradients in propagation and settlement events. MarBEF Annual Meeting, Lecce, Italy, 2-5 May.
- Philippart, C.J.M. & M. Edwards. Climate change – phenology: shifts in timing as signals of climate change (North Sea & Wadden Sea). RAK/Darwin Symposium 'Impact of global climate variability on regional marine ecosystems'. Amsterdam, 16 May.
- Philippart, C.J.M. Draagkracht van de Waddenzee: nieuwe inzichten vanuit een beschrijvende aanpak, een blik op de toekomst en knagende vragen. Noordzeedagen, Vlissingen, 5-6 October.

- Philippart, C.J.M. Filter-feeding bivalves: an outstanding example of benthic-pelagic couplers. Benthic-pelagic coupling Symposium, Nieuwersluis, 25 September.
- Philippart, C.J.M. Network of excellence, marine biodiversity and ecosystem functioning responsive mode project 4.3: MarPACE, Marine propagation along the coasts of Europe. Intercalibration workshop, Banyuls, France, 8-9 June.
- Philippart, C.J.M., J. Beukema, G.C. Cadée, R. Dekker, P. Goedhart, J. van Iperen, M. Leopold & P. Herman. The P-hypothesis: Observed changes in the Wadden Sea food web were determined by variation in phosphorus loads. Workshop Long-Term Changes Wadden Sea. Texel, 10 April.
- Philippart, C.J.M., R. Anadón, R. Danovaro, J. Dippner, K. Drinkwater, S. Hawkins, T. Oguz & C. Reid. Climate change impacts on European marine and coastal environments: general trends and sea-specific expectations. Climate change and the European dimension. EC- JRC Workshop, Ispra, Italy, 26-27 April.
- Piersma, T. Energy budgets and phenotypic flexibility of animals. Topmaster course in adaptation, biocomplexity and conservation, Groningen University, November.
- Piersma, T. Dierecologie: habitatkeus en aantalsveranderingen van dieren in een veranderende wereld / Animal ecology: habitat choice and changing numbers of animals in a changing world. Inaugural lecture, Groningen University, 21 February.
- Piersma, T. Ecological niches of the Wadden Sea: soft effects of climate changes, hard effects of men's actions. Symposium Waddenvereniging, Leeuwarden, 7 April.
- Piersma, T. Feeding ecology of waterbirds in the Wadden Sea: is it the bottleneck for birds feeding on shellfish or worms? Symposium Nationalpark Niedersachsen, Wilhelmshaven, Germany, 31 August.
- Piersma, T. Intertidal foodweb studies. NEBROC course, NIOZ, Texel, 13 November.
- Piersma, T. The benthic life of Roebuck Bay. Seminar Groningen University, 18 September.
- Piersma, T. The importance of wilster-netting for applied and fundamental population-ecological research. Symposium Utrecht University, 27 April.
- Piersma, T. The physiology of long-distance migration. Plenary lecture at the Conference of the American Physiological Society, Virginia Beach Convention Center, USA, 8 October.
- Piersma, T. The role of disease in the distribution and abundance of free-living animals. Seminar Erasmus Medical Centre, Rotterdam, 1 March.
- Piersma, T. Using the power of comparison to explain habitat use and migration strategies of shorebirds worldwide. Plenary Lecture, 24th International Ornithological Congress, Hamburg, Germany 19 August.
- Piersma, T. Wader research in northern Netherlands. Women's Club Gaast, Gaast, 31 January.
- Piersma, T. What it's like to be a knot? Towards a cognitive ecology of shorebirds. Whitherby Lecture, Annual conference of the British Trust for Ornithology, Swanwick, U.K., 9 December.
- Piersma, T. Why do shorebirds need a whole world to survive? Lecture Scholierenacademie, Groningen University, 1 December.

- Piersma, T. World-wide conservation connectors: community involvement in the study of migrant shorebirds under pressure. Symposium in honour of Heineken Prize laureate Stuart Pimm, Wageningen University, 29 September.
- Powers, L.A., T.C. Johnson, J.P. Werne, I.S. Castañeda, E.C. Hopmans, J.S. Sinninghe Damsté & S. Schouten. Recent effects of climate forcing on Lake Malawi surface temperatures: A possible shift in tropical climate response. HOLIVAR 2006 open science meeting, London, UK, 12-15 June.
- Raghoebarsing, A.A., A.J.P. Smolders, M.S.M. Jetten, J.S. Sinninghe Damsté, M. Strous, H.J.M. Op den Camp. Symbionts provide carbon for photosynthesis in peat bogs. 11th International Symposium on Microbial Ecology (ISME-11), Vienna, Austria, 20-25 August.
- Reinthal, T., E. Sintès & G.J. Herndl, Dissolved organic matter, bacterial production and respiration in the sea-surface microlayer of the open Atlantic and the western Mediterranean Sea. SOLAS/IMBER/GEOT-RACERS meeting, Amsterdam, 9 May.
- Richter, T.O., N. Caillon, E. Cortijo, L. Labeyrie, F. Peeters & T.C.E. van Weering. Late Holocene (0-2.4ka BP) surface water temperature and salinity variability, Feni Drift, NE Atlantic Ocean (56°N 14°W). Dutch Climate Variability Symposium, Amsterdam, 10 October.
- Richter, T.O., N. Caillon, E. Cortijo, L. Labeyrie, F. Peeters, F. Mienis, H.C. de Stigter & T.C.E. van Weering. High-resolution 0-2.4ka BP surface water temperature and salinity reconstructions, Feni Drift, NW Atlantic Ocean (56°N 14°W), based on $\delta^{18}\text{O}$ and Mg/Ca in planktonic foraminifera. European Geosciences Union General Assembly, Vienna, Austria, 2-7 April.
- Ridderinkhof, H. Observations from the new ferry dr. Wagemaker on the route den Helder-Texel in the Dutch Wadden Sea, Ferrybox meeting, Oslo, 23 October.
- Ridderinkhof, H. The need for long-term sustained observations in the Dutch coastal zone. RAK symposium, KNAW, Amsterdam, 16 Mei.
- Sangiorgi, F., H.-J. Brumsack, S. Schouten, H. Brinkhuis, M.A. Kaminski, G.-J. Reichert, C. E. Stickley, D. A. Willard & J.S. Sinninghe Damsté. The gap in the Arctic Cenozoic record: expect the unexpected. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Schilling, J. Improved Mooring Cable Stopper. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.
- Schouten, S. Molecular fossils: From organisms to ancient seawater temperatures. Geoflex student group, Free University of Amsterdam, Amsterdam, 9 February and University of California, Riverside, USA, 3 April.
- Schouten, S. Tetraether membrane lipids. From nitrifying archaea to Cenozoic temperatures. University of Bristol, Bristol, UK, 3 November.
- Schouten, S., J. Weijers, E. Hopmans, J. van den Donker & J.S. Sinninghe Damsté. Development and application of a novel organic proxy for continental paleotemperature reconstructions. STOPFEN-symposium, Free University of Amsterdam, Amsterdam, 20 October.
- Sinninghe Damsté, J.S. & S. Schouten. Werking van de TEX_{86} palaeothermometer. ACEX press conference. Utrecht, 29 May.

- Sinninghe Damsté, J.S. Application of molecular organic chemistry in biogeochemistry, palaeoclimatology and chemical evolution. Bristol University, Bristol, UK, 13 March.
- Sinninghe Damsté, J.S. De rol van Archaea in de mariene stikstofcyclus. Lezing voor de sectie Aardwetenschappen van de KNAW. Trippenhuis KNAW, Amsterdam, 30 January.
- Sinninghe Damsté, J.S. Determining ancient sea surface temperatures with fossil archaeal lipids. Mozaik bijeenkomst, Utrecht, 13 April.
- Sinninghe Damsté, J.S. Een wetenschappelijke blik op het boek "Life: A journey through Time" van Frans Lanting. Naturalis, Leiden, 22 September.
- Sinninghe Damsté, J.S. Fossiele membraanlipiden van archaea ontrafelen het aardse klimaat van 50-100 miljoen jaar geleden. Chemistry BC symposium. University of Nijmegen, Nijmegen, 16 March.
- Sinninghe Damsté, J.S. Microbial lipids as ecological tracers: Examples from crenarchaeota, anammox bacteria and methanotrophs. Max Planck Institute for Marine Microbiology, Bremen, Germany, 29 June.
- Sinninghe Damsté, J.S. Moleculen uit een ver verleden. Oratie Universiteit Utrecht. Utrecht University, Utrecht, 13 January.
- Sinninghe Damsté, J.S. Oceanen vol Archaea: hun rol in de stikstofcyclus en toepassing in palaeothermometries van de "broeikasgas" aarde. Trippenhuis KNAW, Amsterdam, 18 December.
- Sinninghe Damsté, J.S., A. Forster & S. Schouten. Oceanic Anoxic Events: current understanding from an organic geochemical perspective. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Sinninghe Damsté, J.S., J. Ossebaar & S. Schouten. TEX₈₆ palaeothermometry of Lake Challa sediments: results from the first year. Challacea project meeting. Trippenhuis KNAW, Amsterdam, 20 September.
- Sinninghe Damsté, J.S., J. Ossebaar, S. Schouten & D. Verschuren. A new palaeoproxy for lake temperatures based on crenarchaeotal lipids: application in Lake Challa, East Africa. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Sinninghe Damsté, J.S., J. Ossebaar, S. Schouten & D. Verschuren. A new palaeoproxy for lake temperatures based on crenarchaeotal lipids. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Sinninghe Damsté, J.S., S. Schouten, S. Rampen, B. Abbas & G. Muyzer. De evolutie van kiezelwieren: Een reconstructie met behulp van chemische fossielen en moleculaire fylogenie. Paleobiologische Kring. Naturalis, Leiden, 17 February.
- Sintes, E. & G.J. Herndl. Bacteria in the sea-surface microlayer: response to solar radiation and DOM utilization. Ocean Sciences Meeting, Honolulu, Hawaii, USA, 20-24 February.
- Sluijs, A., H. Brinkhuis, S. Schouten, J.C. Zachos, S. Bohaty, C. John, R. Deltrap, G.-J. Reichart, J. Sinninghe Damsté & E. Crouch. Global warming leads the carbon isotope excursion at the Paleocene-Eocene thermal maximum. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Sluijs, A., S. Schouten, H. Brinkhuis, J.S. Sinninghe Damsté, G.R. Dickens, M. Huber, G.-J. Reichart, M. Pagani & L.J. Lourens. A subtropical North Pole during the late Paleocene - early Eocene. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.

- Sluijs, A., S. Schouten, H. Brinkhuis, M. Pagani, J.S. Sinninghe Damsté, G.R. Dickens, M. Huber, G.-J. Reichart & L.J. Lourens. Subtropical late Paleocene - early Eocene sea surface temperatures on the North Pole. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Smit, M.G. Pressure Retaining Deep-sea Sampler. Inmartech 2006. Bi-annual Symposium on Marine Technology for Sea Research at Woods Hole Oceanographic Institution, USA, 17-19 October.
- Stadnitskaia, A. Data from different settings: Occurrence and structural control of gas hydrates in the Black Sea, the Gulf of Cadiz and other fluid venting areas. Vrije Universiteit Amsterdam (VU), NSG - Netherlands Research School for Sedimentary Geology course for PhD students "Gas hydrates – why do they matter? Fiction and facts about gas hydrates systems", Vrije Universiteit, Amsterdam, 14 September.
- Stadnitskaia, A., Anaerobic oxidation of methane and related carbonate precipitation. Vrije Universiteit Amsterdam (VU), NSG - Netherlands Research School for Sedimentary Geology course for PhD students "Gas hydrates – why do they matter? Fiction and facts about gas hydrates systems", Vrije Universiteit, Amsterdam, 14 September.
- Stadnitskaia, A. & J.S. Sinninghe Damsté. Shifts in methanotrophic community as a response to different fluid venting environments. Nile deep-sea fan, Eastern Mediterranean. 8th Nederlands Aardwetenschappelijk Congres (NAC 8), Veldhoven, 24-25 April.
- Stadnitskaia, A. Biogeochemical processes at deep-sea fluid/methane venting environments – Geochimica Actie – Geochemistry seminars, Utrecht University, Utrecht. 28 October.
- 146 Stüsser, I., P. Hofmann, T. Wagner, S. Schouten & J.S. Sinninghe Damsté. Rapid climate response to the Lower Cretaceous Oceanic Anoxic Event 1b. European Geosciences Union Meeting, Vienna, Austria, 2-7 April.
- Ten Hallers-Tjabbes, C.C. & W.C. Verboom. Overview of gaps in science knowledge. Paper presented at Conference 'Underwater Sound and Marine Life.' Organised by the Inter-Agency Committee for Marine Science and Technology (IACMST) and the Institute of Marine Engineering, Science and Technology (IMarEST), London, UK, 9 October.
- Ten Hallers-Tjabbes, C.C. Ballast Water Scoping Study, North Western Europe. ICES/IOC/IMO Working Group on Ballast Water and Other Ship Vectors (WGBOSV), Oostende, Belgium, 13-15 March.
- Ten Hallers-Tjabbes, C.C. Bioprovinces, concepts and realities; recent developments (Ocean Sciences Meeting, February 2006). ICES/IOC/IMO Working Group on Ballast Water and Other Ship Vectors (WGBOSV), Oostende, Belgium, 13-15 March.
- Ten Hallers-Tjabbes, C.C. Impact and Interaction of Contaminants in the Ems-Dollard Estuary Ecosystem. Nature and shipping developments Ems, NL Institute for Coastal Management (RIKZ-RWS), Haren, 28 March.
- Ten Hallers-Tjabbes, C.C., W.C. Verboom & R.A. Kastelein. Marine animal acoustic windows and human-generated noise; what activities pose a risk and which organisms are vulnerable. Ocean Sciences Meeting, Honolulu, USA, 20-24 February.

- Thomsen, L., P. Mendes, R. Novoa, H.C. de Stigter & T.C.E. van Weering. Organic rich particle transport in submarine canyons. EGU General Assembly, Vienna, Austria, 2-7 April.
- Vahl, W.K. Competition and the spatial distribution of foraging animals. International Ornithological Union, pre-symposium on 'seabirds and their food stocks', Texel, 9 August.
- Vahl, W.K. Interference Competition and the Dynamics of Populations. Top master course in advanced evolutionary ecology. Groningen University.
- Vahl, W.K., G.S. van Doorn & F.J. Weissing. Why do foragers fight for food? Unifying models of interference competition. 11th International Behavioral Ecology Congress, Tours, France, 23-29 July.
- van Aken, H.M. & M.F. de Jong, Deep Convection in the Irminger Sea. Galway, Ireland 19-22 April.
- van Aken, H.M. & M.F. de Jong. Hydrographic variability of the Irminger Sea, with focus on the intermediate water masses, Colloquium in commemoration of the 65th birthday of Prof. Dr. Jens Meincke, Institut für Meereskunde, Universität Hamburg, Germany 11–12 October.
- van Aken, H.M. & M.F. de Jong. New evidence for deep convective mixing in the Irminger Sea, Ocean Sciences Conference, Honolulu, 20–25 February, Abstract 1201, paper number OS24G-04.
- van Aken, H.M. LOCO, The Netherlands. OCEANSITES International Time Series Science Team meeting, Honolulu, Hawaii, USA, 16-19 February.
- van Aken, H.M. On the climatic variability of the thermohaline circulation. Club du Soleil, KNAW, 13 April.
- van Aken, H.M. The Atlantic Thermohaline Circulation and its variability. RAK/DARWIN Centre symposium, 16 May.
- van Bommel, R. Gebromeerde vlamvertragers en de overslag naar mariene milieu. Texel Bijeenkomst Nederlandse Vereniging Veiligheidskundigen Regio Noordwest Nederland, 14 December.
- van der Meer, J., I.M. Smallegange & W.K. Vahl. Interference competition and the spatial distribution of foragers. Invited lecture, Current Themes In Ecology 11: Ecological implications of adaptive behavior, Wageningen, 3 November.
- van der Meer, J. Flow of energy and matter in marine benthic animal populations. Lecture series in student course on marine ecosystem ecology, Groningen University, 8-9 June.
- van der Meer, J. Interference competition. Seminars in ecology, environmental studies and geology, Umeå University, Sweden, 6 December.
- van der Meer, J. The Metabolic Theory of Ecology (MTE) and the theory of Dynamic Energy Budgets (DEB) (and more). NVTB Symposium on New developments in mathematical biology: Physiology based models and adaptive dynamics, Vrije Universiteit Amsterdam, 7 November.
- van der Meer, J. Waargenomen veranderingen gedurende de laatste decaden in het ecosysteem van de Waddenzee en de Noordzee-kustzone en mogelijke oorzaken. One-day symposium on long-term trends in the Wadden Sea and North Sea, Texel, 10 April.
- van der Meer, M.T.J. & S. Schouten. Controls on the stable hydrogen isotopic composition of alkenones: Towards an organic paleosalinity proxy? Paleosalt kick-off meeting, Brussel, Belgium, 17-18 May.

- van der Veer, H.W., S. Skreslet, J. Cardoso, J. Campos & V. Freitas. The functioning of coastal ecosystems: progress made by the joint research project of NIOZ, CIIMAR and HIBO. CIIMAR annual meeting, Portugal, 19-21 October.
- van Duyl, F.C. Microbial ecology of coral reefs. Amsterdam University, 16 November.
- van Duyl, F.C. Promise-Sea support and stable isotope studies on the trophoecology of Caribbean coral reef sponges. 1st Annual Meeting of the EU Sponges project. Tallinn, Estonia, 4 November.
- van Duyl, F.C., J.M. de Goeij, A. Hoogstraten, C. Maier & M.M. van Oostveen. Sponge-associated prokaryotes: abundance, community composition and their possible role in the nutrition of the host. 7th International Sponge Symposium, Búzios, Brasil, 7-13 May.
- van Duyl, F.C., L. Moodley, J.M. de Goeij, G. Nieuwland, A. de Kluijver, L. van IJzeloo & R. Rutgers. Isotope tracer studies on the trophoecology of the cryptic encrusting coral reef sponge *Halisarca caerulea*. 6th European Meeting Int. Soc. Reef Studies (ISRS), Bremen, Germany, 18-22 September.
- van Haren, H. Inertial-tidal shear and internal wave band broadening in the ocean. Sixth International Symposium on Stratified Flows, Perth WA, Australia, 11-14 December.
- van Haren, H. Near-inertial internal wave propagation and shear in different ocean areas. SEOS, University of Victoria, B.C. Canada, 1 March.
- van Haren, H. Sloping bottom processes in the Faeroe-Shetland Channel. SAMS, Oban, UK, 17 January.
- van Haren, H., M. Inall & J. Huthnance. Solibore induced slope mixing in the Faeroe-Shetland Channel. Ocean Sciences Meeting, Honolulu, HI, USA, 20-24 February.
- van Soest, R.W.M., F.C. van Duyl & C. Maier. Rockall Bank deepwater sponge population. 7th International Sponge Symposium, Búzios, Brasil, 7-13 May.
- van Soest, R.W.M., M.S.S. Lavaleye, G.C. Duineveld, C. Maier & F.C. van Duyl. Diversity of sponges in bathyal coral reefs of the North East Atlantic. 7th International Sponge Symposium, Búzios, Brasil, 7-13 May.
- van Weering, T.C.E. Challenges in Marine Research, Geological processes on Deep water European Margins. 15th Training Through Research Conference, Moscow, Russia, 29 January-4 February.
- van Weering, T.C.E. Pockmarks and Gashydrates, Short Course on Gashydrates, Vrije Universiteit Amsterdam, 14 September.
- van Weering, T.C.E. Sedimentary systems, Course Vrije Universiteit Amsterdam, Febr-March.
- van Weering, T.C.E., F. Mienis, T. Richter, C. van der Land, H. de Haas, H.C. de Stigter, H. Vonhof & M. van Breukelen. Coldwater corals and associated fauna from Rockall Trough Margin Carbonate Mounds: stable isotope chemistry and paleoceanographic application. International Society for Reef Studies Meeting, Bremen, Germany, 19-22 September.
- Varela, M.M., H.M. van Aken & G.J. Herndl. Bacterial and archaeal utilization of enantiomeric amino acids in the deep North Atlantic Ocean. ISME-11 Meeting, Vienna, Austria, 24 – 29 August.
- Veldhuis, M.J.W. Addressing viability in planktonic water and in particular for ballast water research. Northeast Midwest Institute, Washington D.C., Duluth, USA, 15 June.

- Veldhuis, M.J.W., J.P. Boon, F. Fuhr & C.C. Ten Hallers-Tjabbes. Treatment of ballast water: how to test a system with a modular concept. WGBOSV/ICES, Oostende, Belgium, 13 -15 March.
- Veldhuis, M.J.W. To stop the invasion of the aliens; how can marine scientists help to clean the ballast water of ships? Bigelow Laboratory of Ocean Sciences, Boothbay Harbour, USA, 20 November.
- Vézina, F. Conditions écologiques hivernales et ajustements physiologiques chez le bécasseau maubèche (*Calidris canutus*). Canadian Wildlife Service, Québec city, Canada.
- Vézina, F. Conditions écologiques hivernales et ajustements physiologiques; l'exemple du bécasseau maubèche (*Calidris canutus*), un oiseau au phénotype très flexible. Université de Sherbrooke, Sherbrooke, Canada; Université du Québec à Rimouski, Canada.
- Vézina, F., K. Jalvingh, A. Dekinga & T. Piersma. Ajustements physiologiques associés à l'acclimatation au froid chez le bécasseau maubèche. Société Québécoise pour l'Étude Biologique du Comportement, Montréal, Canada.
- Wagner, T., B. Beckmann, S. Floegel, P. Hofmann, S. Schouten, J.S. Sinninghe Damsté & K. Wallmann. Timescales and Mechanisms of Rapid Redox Change in the Mid-Cretaceous Ocean. AGU Fall Meeting, San Francisco, USA, 11-15 December.
- Walker, P., C.J.M. Philippart & A.P. Oost. Other fish to fry: or how to reach sustainable fishery in the North Sea during a period of climate change? ICES annual meeting, Maastricht, 20 September.
- Weijers, J.W.H., S. Schouten, E.C. Hopmans, J.C. van den Donker and J.S. Sinninghe Damsté. Continental temperature and soil pH reconstruction with membrane lipids from soil bacteria, Gordon Research Conference on Organic Geochemistry, Holderness School, Plymouth, NH, USA, 6-11 August.
- Wernand, M.R. De geheimzinnige kleuring van water. Vanaf Bacon tot Raman. Sonnenborgh - museum & sterrenwacht, Utrecht, 26 October.
- Wernand, M.R. Estimating phytoplankton biomass in case ii waters using a flh 2-band algorithm. OOXVIII Conference, Montreal, Canada.
- Werne, J. Temperature quantitatively in lacustrine systems: Development and application of the TEX₈₆ paleothermometer. 10th International Paleolimnology Symposium, Duluth, Minnesota, USA, 25-29 June.
- Witte, J.I.J. Bloemdieren. Stichting de Heimanshof, Hoofddorp, 2-3 December.
- Witte, J.I.J. Harder en zeebaars in de NIOZ fuik. Visvereniging 't Kuitje. Breezand, 27 oktober.
- Zemmelink H.J., B. Delille, E.J. Hintsä, L. Houghton & J.W.H. Dacey. CO₂ deposition over the multi year ice of the western Weddell Sea. 1st ISPOL Workshop, Tvärminnen, Finland, 9 - 12 March.
- Zemmelink H.J., L. Houghton, J.W.H. Dacey, J. Stefels, B.P. Koch, M. Schröder, A.S. Wisotzki, A. Scheltz, D.N. Thomas, S. Papatimitriou, H. Kuosa & T. Dittmar. The biogeochemistry of subsurface lead water in pack ice. 4th International Symposium on Biological and Environmental Chemistry of DMS(P), Norwich, UK, 2-6 May.

EXTERNAL PROFESSIONAL FUNCTIONS

R.P.M. Bak

- Professor Tropical Marine Biology, Amsterdam University
- Member International Advisory Board. Center for Tropical Ecology, Bremen
- Editorial Advisor Marine Ecology Progress Series
- Member Board Foundation for Scientific Research Surinam and the Netherlands Antilles

M.J.N. Bergman

- Member ICES Working group on benthos ecology
- Member ICES Working group on ecosystem effects of fishing activities
- Member Raad van overleg voor het fysisch-oceanografisch onderzoek Noordzee - overleggroep Bodem

G.C. Cadée

- Editor Journal of Sea Research
- Associate editor ICHNOS
- Board member 'Nederlands Vlaamse Kring van Diatomisten
- Associate editor Senckenbergiana Maritima
- Member commissie voor de geschiedenis van de aardwetenschappen, KNAW
- Editorial board Natura, KNNV

C.J. Camphuysen

- Member editorial board Marine Ornithology
- Editor Atlantic Seabirds
- Coordinator EC project on Impact of oil spills on seabirds, DG Environment
- Member of the ICES Working group on seabird ecology

C.J.M. Philippart

- Editor-in-Chief Journal of Sea Research
- Co-ordinator "MarPACE: Marine Propagation Along the Coasts of Europe" (Responsive mode project of the EU Network of Excellence on Marine Biodiversity and Ecosystem Functioning)
- Lecturer Marine biology course, IBED, Amsterdam University.
- Lecturer Marine sciences course, Utrecht University
- Member Commissie MER working group 'Aardgaswinning Waddenzeegebied vanaf lokaties Moddergat, Lauwersoog en Vierhuizen'
- Member Commissie MER working group 'PKB Derde Nota Waddenzee'

- Chair of the Working Group of the Marine Board of the European Science Foundation on 'Climate Change Impacts on the European Marine and Coastal Environment'
- Member of the Working Group of the Joint Research Council of the European Commission on "A European Marine and Coastal Dimension to Climate Change"

M.S.S. Lavaleye

- Member of the ICES Study Group on the North Sea Benthos Project

T. Piersma

- Professor in Animal Ecology, Groningen University
- Vice-chairperson of the International Wader Study Group
- Chairman of the Biologysk Wurkferbân of Fryske Akademy, Ljouwert
- Editor of Journal of Avian Biology
- Member editorial board Current Ornithology, Plenum Press, New York
- Member editorial board of Journal of Ornithology
- Board member of the Centre for African Wetlands, University of Ghana, Accra, Ghana
- Member of Committee of Experts for Natuurmonumenten
- Member of board It Fryske Gea
- Member of the Conseil Scientifique of the Parc National du Banc d'Arguin, Mauritania
- Chairman of the Global Flyway Network

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J. van der Meer

- Member of the Scientific Advisory Board SOVON
- Honorary Research Fellow of the School of Biological Sciences, University of Aberdeen

H.W. van der Veer.

- Associate professor of zoology, North Carolina State University, Raleigh. USA
- Adjunct associate professor of marine science, University of South Carolina, Columbia, USA
- Member of the ICES working group on recruitment processes
- Member organizing committee 7th International Symposium on Flatfish Ecology. Lisbon, Portugal
- Guest editor Proceedings 6th International Symposium on Flatfish Ecology

T.C.E. van Weering

- Professor Paleoceanography Free University, Amsterdam
- Adjunct Professor Marine Geosciences International University of Bremen
- Member Editorial Board of: Marine Geology
- Member Editorial Board Boreas

- Member Editorial Board International Journal of Earth Sciences/Geol.Rundschau
- Guest Editor Special issue of JASES Red River Delta
- Guest editor Special Issue Marine Geology Canyons
- Chairman GAG Bodem systemen en seismiek (NWO/ALW)
- Chair joint Gebruikersgroepen MRF
- Lid commissie Mariene Faciliteiten(NWO/ALW)
- Lid commissie Toekomst Pelagia (NIOZ)
- Lid commissie “East Kalimantan Programme for Coastal Zone Research Netherlands/ Indonesia” (NWO/KNAW)
- Lid beoordelingscommissie Promotiebeurzen IWT, Brussel

J.H.F. Jansen:

- Member NIOC (Nederlands Integrated Ocean Drilling Program Committee).
- Member Working Group INQUA Nederland.
- Member Peer Review Committee of the Hanse Wissenschaftskolleg in Delmenhorst, Germany.

G.-J. Brummer

- Coordinator Bilateral Cooperation Programme NWO-DFG “Divalent cations: development and validation of proxies”
- Advisory member ESF-EUROCLIMATE programme
- Member NWO/ALW ‘Gebruikers-adviesgroep verankerde instrumentatie’
- Member Steering Group NIOP II
- Member EuroClimate “Paleosalt” advisory committee
- Co-promotor of PhD-thesis of S.-M.H. Conan at the Vrije Universiteit

A. Forster

- Corresponding member “Deutsche Subkommission für Kreide-Stratigraphie” (Cretaceous stratigraphic sub-commission Germany)

S. Schouten

- Associate editor Organic Geochemistry
- Member of the editorial board of Geology
- Member of the steering committee International Census of Marine Microbes
- Member of the scientific committee of NEBROC.
- Member of review panel BioGeosphere, Open Competition Program, NWO-ALW

J.S. Sinninghe Damsté

- Professor University of Utrecht, Faculty of Geosciences
- Member of the Royal Dutch Academy of Science (KNAW)
- Member of the scientific steering committee of the Darwin Centre for Biogeology
- Member of the Science Committee of the NIOO
- Member of the VICI selection committee of ALW-NWO
- Member of the equipment committee of ALW-NWO
- Associate editor *Geochimica et Cosmochimica Acta*

C.C. Ten Hallers-Tjabbes

- Advisor to IUCN for the London Convention 1972
- Advisor to IUCN for the International Maritime Organization, London (IMO)
- IUCN Representative for the Marine Environment Protection Committee of the IMO
- Lady Chairman Animal Navigation Group, Royal Institute of Navigation, London, UK
- Representative for IUCN at the Global Project Task Force – GloBallast Partnership PDF-B Project

H.M. van Aken

- Member ICES Oceanography Committee
- Member ICES Working Group on Oceanic Hydrography
- Chairman ALW “gebruikersadviesgroep CTD-systemen”
- Member OCEANSITES International Time Series Science Team

T.F. de Bruin

- Chair - Netherlands National Oceanographic Data Committee (NL-NODC)
- Chair - Joint SCAR/COMNAP Committee on Antarctic Data Management (JCADM)
- Co-Chair – International Polar Year (IPY) Data Policy and Management Subcommittee (IPY-SCDPM)
- IODE national coordinator for data management
- Member – ICES Working Group on Marine Data Management (ICES-WGMDM)
- Member Steering Committee of the Marine Metadata Interoperability (MMI) project
- Member Ad Hoc SCAR Advisory Committee on the International Polar Year (IPY)
- Member National IPY Committee of the Netherlands
- Member Review Team of the British Oceanographic Data Centre for the NERC Quinquennial review of science programmes at the Marine Centres – OCEANS 2025 proposal
- Theme Leader Session: Strategies for Data Presentation and Management – SCAR Open Science Conference
- Co-convener data session at CODATA2006: The International Polar Year (IPY): An Opportunity for Innovation in International Data Exchange and Interdisciplinary Science

T. Gerkema

- Associate member SCOR Working-Group 121 on Deep-ocean mixing
- Co-directeur de thèse (Rudy Maugé, Université de Bretagne Occidentale, France, 21 December)

L.R.M. Maas

- Member thesis defence committee of Louis Gostiaux, Ecole Normale et Supérieure Lyon

H. van Haren

- Member editorial board Journal of Sea Research
- Topic editor Ocean Science.
- Chairman 'ALW gebruikersadviesgroep Verankerde Instrumentatie'
- Co-convenor AGU 13th Ocean Sciences Meeting session 'Ocean mixing', Honolulu, Hawaii, USA

H. Ridderinkhof

- Member 'Beleidsadviescommissie Aardwetenschappen ALW - NWO'
- Member 'Programma commissie NCK'
- Member 'Raad voor Aarde en Klimaat (RAK – KNAW)'
- Member 'commissie Milieu Effect Rapportage (MER)'

M.R. Wernand

- European Science Foundation, Marine Board Working on the Remote Sensing of Shelf Sea Ecosystems
- NIOZ-representative European Association of Remote Sensing Laboratories
- Member of Light and Water working group The Netherlands
- Member of Historische Oceanografie Club

J.T.F. Zimmerman

- Professor Physical Oceanography, Utrecht University.

G.J. Herndl

- Professor of Biological Oceanography, Dept. of Marine Biology, Univ of Groningen
- Member of the IMBER/SOLAS working group on Carbon Research
- President of the Microbiology Section of the CIESM (Commission of the Scientific Exploration of the Mediterranean Sea)
- Appointed Reviewer for and Adviser to the Research Council of Norway for Terrestrial and Aquatic Microbial Ecology and Biotechnology (2000-2003, 2004-2007)
- Member of the VENI review panel for ALW/NWO

- Associate member of the SCOR working group 126: Role of viruses in marine ecosystems
- Associate Editor of Aquatic Microbial Ecology
- Associate Editor of P.S.Z.N.I.: Marine Ecology
- Associate Editor of Limnology & Oceanography: Methods

M.J.W. Veldhuis

- Associate member SCOR working group 120: Phaeocystis
- Member ICES/IOC/IMO Working Group on Ballast Water and other Ship Vectors (WGBOSV)
- Member ICES/IOC/IMO Working Group on Introduction and Transfer of Marine Organisms
- Member working group IMO-Globalballast working group on Ballast water issues
- Member external advisory board Northeast Midwest Institute, Washington D.C. USA

M.A. Baars

- Advisor Rijkswaterstaat project: Towards Remote Sensing Supported Monitoring of the North Sea (ToRSMoN, National Program GO)

F.C van Duyl

- Member European Scientific Diving Committee
- Appointed reviewer for the International Science Foundation (IFS)
- Appointed reviewer Marine Ecology Progress Series

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C.P.D. Brussaard

- Core member of the SCOR working group 126: Role of viruses in marine ecosystems

K.R. Timmermans

- Member Board WG Aquatic Ecology, Nederlands-Vlaamse Vereniging voor Ecologie (NECOV)

H.J.W. de Baar

- Professor of Oceanography, and Chair Ocean Ecosystems Department, Groningen University
- Associate editor Marine Chemistry
- Member international Scientific Steering Committee GEOTRACES
- International coordinator GEOTRACES initiative, International Polar Year
- Member International Joint SCAR/SCOR Expert Group for Oceanography
- Chairman Netherlands SCOR Committee, Royal Netherlands Academy of Sciences (KNAW) national delegate to SCOR
- Member Netherlands SCAR Committee, Royal Netherlands Academy of Sciences (KNAW)
- Member Global Change Committee, Royal Netherlands Academy of Sciences (KNAW)

- Member Scientific Steering Committee Netherlands-Bremen Oceanography (NEBROC-2)
- Vice-chair Scientific Steering Committee CarboOcean Integrated Project, EU Framework Program VI
- External adviser Belgian research Carbon uptake in the ANTArctic Ocean (BELCANTO)
- Chairman Users Advisory Group Nutrients Analyses, national Marine Research Facilities
- Member Users Advisory Group CTD systems, national Marine Research Facilities
- Life member Clare Hall College, Cambridge

J.W. de Leeuw

- Professor in Organic Geochemistry, Dept. of Earth Sciences, Utrecht University
- Professor in Molecular Biogeology, Dept. of Biology, Utrecht University
- Member Board of European Association of Organic Geochemistry (EAOG)
- Member Editorial Advisory Board Organic Geochemistry
- Member Royal Dutch Academy of Sciences (KNAW)
- Exec. Board member Marine Board European Science Foundation (MB/ESF)
- Member CLIVARNET/Klimaatvariabiliteit committee NWO
- Member Partnership Observation of the Global Oceans (POGO). Chair POGO since 01/12/2004
- CoPI of Census of marine Life programme ICoMM (International Census of Marine Microbes)
- Chair Club du Soleil (RAK/KNAW)
- Member Scientific Committee Plymouth Marine Lab. (UK)
- Member foresight committee Energy conversion
- Member evaluation team ECORD/IODP

H.J. Lindeboom

- Member Committee Polar Research

M.J. Rietveld

- Chair International research Ship Operators Meeting' (ISOM)
- Member Ocean Facilities Exchange Group (OFEG)
- Member European Research vessel Operators (ERVO)
- Member ESF Marine Board Ocean Research Fleets Working Group (OFWG)
- Member POGO Working Group Research Vessels and Cruises Database
- Member Interdepartementaal Overleg Zeegaande Vaartuigen (IOZV)

MEETINGS, COURSES AND COLLOQUIA HELD AT THE NIOZ

Meetings

Annual meeting ICES Working Group on Seabird Ecology, 3-7 April.

Workshop ICES Study Group on the North Sea Benthos Project, 10-13 April.

Annual meeting NWO-DFG Bilateral Cooperation Programme "Divalent cations: development and validation of proxies". NIOZ, 12-13 January.

VAMOC/RAPID 2nd annual meeting. Cambridge, UK, 8-9 May.

Paleosalt kick-off meeting, Brussels, Belgium, 17-18 May.

"6C" (EU) concluding meeting, Cabara, France, 12-15 September.

Annual meeting of the EU-FP5 project "C6", Texel, January.

Courses

Course 'Marine Ecosystems' (RUG), 12 -30 June. Contact person prof. dr. G.J. Herndl.

During the first week, lectures were given at the University of Groningen (RUG) on the composition and regulation of pelagic and benthic food webs in the different ecological provinces of the world's oceans in general and the North Sea in particular. The second and the third week were devoted to practical work performed at NIOZ in the BIO and MEE departments. The 24 students were distributed over 9 different topics. Some of the topics were more lab-oriented, others involved more extensive field work. The program comprised research on the metabolism of selected benthic organisms and pelagic communities. Sampling was performed in the North and Wadden Sea with the RV Navicula. Underlying research questions, the methods used and the results obtained were discussed during powerpoint presentations by each group at the end of the course and reported in paper-like manuscripts.

Course 'Introduction to Oceanography' (RUG), 20-31 March. Contact person prof. dr. ir. H.J.W. de Baar.

This annual course started already in 1931 at the Zoological Station in Den Helder, and from 1965 onwards it has been a joint course between NIOZ and the University of Groningen. In 2006 there were 29 students participating including 2 foreign students. The first part comprised introductory lectures and workshop style lectures (mostly presented by the students themselves), followed by a written examination at Groningen, 6-17 February. The practical part coordinated by dr. H. Zemmeling was held at Royal NIOZ from 20 March through 31 March. About 20 NIOZ colleagues contributed to various parts of the course. Three teams of 7-8 students were doing fieldwork in a rotating scheme between (i) two day cruises with RV Navicula in the Wadden Sea, (ii) two day time series biology at the jetty, and (iii) two days time series chemistry at the jetty. Another, fourth, team of 6 students pursued two parallel projects on (iv) organic contaminants and (v) marine optics. The combined datasets of observations on interacting physics, chemistry and biological primary productivity were assembled, interpreted and finally reported by the students in a suite of powerpoint presentations.

Introduction to Marine Science, a NIOZ – Nebroc - Ecolmas Course

Co-ordinator Dr. J. H. Fred Jansen.

The annual course is given to introduce young marine scientists employed as Ph.D students and post-docs into the main fields of marine sciences, i.e. physical and chemical oceanography, marine and benthic ecology as well as marine geochemistry and paleoceanography. The programme is multidisciplinary, all disciplines will be discussed as components of one integrated system. The topics are: the physics of ocean circulation, waves and tides, the chemistry of sea water and benthic processes, the biology of pelagic and benthic ecosystems, the basics of paleoceanography, and socioeconomic aspects of marine research. The course is an established joined course of the Netherlands-Bremen Oceanography (NEBROC) co-operation in marine sciences between NIOZ and four marine institutions in the State of Bremen. Our German partners are the Alfred Wegener Institute for Polar and Marine Sciences (AWI), the Department of Geosciences of the University of Bremen, the Max Planck Institute for Microbiology (MPI), and the Centre for Marine Tropical Ecology (ZMT). During the course, the participants have presented their own research in brief lectures.

The course of 2006 took place at NIOZ from 6 to 17 November, and was attended by 31 PhD students from the Universities of Bremen, Groningen, Utrecht, Vrije Universiteit Amsterdam and Barcelona, the Alfred Wegener Institute in Bremerhaven, and the Royal NIOZ. Other participants came from the Fisheries Research Institute, Maputo, Moçambique, Charles University in Prague, and NITG-TNO, Utrecht.

Advanced Organic Biogeochemistry. ECOLMAS PhD graduate course. Contact Person Dr. S. Schouten

COLLOQUIA

- 9 January. Hein de Baar (NIOZ-BIO). Iron makes big diatoms blooming, but cannot change carbon dioxide and climate.
- 11 January. Dale Kiefer (University of Southern California, USA). Applications of an Oceanographic Information System.
- 12 January. Marck Smit en Ruud Groenewegen (NIOZ-MT). Developments in Marine Technology.
- 26 January. Bruno Ens (Alterra-Texel). Competition for large-sized shellfish between birds and man in a changing ecosystem.
- 2 February. Javier Aristegui (Univ. Las Palmas, Gran Canaria). The biological pump: balancing carbon inputs and respiration in the dark ocean Peter Williams (Univ. Wales). Auditing the ocean's organic carbon budget – should we file for bankruptcy?
- 8 February. Joris van Enst (ASTRON). LOFAR sensor networks for observing the Wadden Sea.
- 8 February. Tom Johnson (Univ. Minnesota, USA). Climate variability in East Africa since the last glacial maximum: ties to the North Atlantic thermohaline circulation?
- 9 February. Nils Volkenborn (AWI-Sylt). Ecosystem engineering in intertidal sand by lugworms as revealed by large scale experimental exclusion: results and perspectives.
- 16 February. Jack Middelburg (NIOO-CEME). Deliberate stable isotope additions to elucidate carbon and nitrogen flows in coastal ecosystems.
- 23 February. Marc Lavaleye (NIOZ-MEE). Deep water coral research in the NE Atlantic.
- 28 February. Rich Pancost (University of Bristol). Applications of organic geochemistry to geomicrobiological investigations: From arsenic in aquifers to hot springs.
- 2 March. Lucas Stal (NIOO-CEME). Current perspectives on the ecology of oceanic N₂ fixation.
- 9 March. Astrid Forster (NIOZ-MBT). Rapid warming & cooling in the mid-Cretaceous tropics: Sea surface temperature records through the Cenomanian/Turonian transition in the equatorial Atlantic.
- 16 March. Klaas Timmermans (NIOZ-BIO). Marine phytoplankton in their dynamic environment: effects of varying nutrient concentrations (N, P, Si, Fe, CO₂) or varying light conditions on (Antarctic) diatoms, picophytoplankton and *Emiliana huxleyi*.
- 23 March. Eva Sintès (NIOZ-BIO). Bacteria in the sea-surface microlayer: response to solar radiation and DOM utilization.
- 30 March. Johan Weijers (NIOZ-MBT). Membrane lipids of soil bacteria as palaeo-environmental indicator.
- 11 April. Jorge Machado (Univ. Porto, Portugal). An Overview on Shell Formation in the Freshwater Clam, *Anodonta cygnea*.
Manuel Lopes- Lima (Univ. Porto, Portugal). Proteoglycan role on the biomineralization mechanisms of the bivalve shell of *Anodonta cygnea*.
- 13 April. Paul Zonneveld (NTI-NLP). “Inward looking out” (How can improved internal communications support your outward look, your processes and your output?).

- 20 April. Tjeerd van Weering (NIOZ-MCG). Continental margins: of more than marginal importance.
- 10 May. Joan Grimalt (CSIC Barcelona, Spain). Recent advancements in the characterization of abrupt climate changes using organic molecular markers.
- 11 May. Theunis Piersma (NIOZ-MEE). Comparative ecology of shorebird populations and the coastal ecosystems they inhabit.
- 24 May. Carme Huguet (NIOZ-MBT). TEX₈₆ Proxy validation.
- 1 June. Kai-Uwe Hinrichs (Univ. Bremen). Molecular-isotopic strategies to study carbon flow and microorganisms in deep subsurface ecosystems.
- 8 June. Fleur van Duyl (NIOZ-BIO). The overlooked role of cryptic habitats in carbon and nitrogen cycling in coral reefs and the remarkable contribution of cryptic sponges and sponge-associated prokaryotes therein
- 15 June. Gerard van der Schrier (KNMI). Bjerknes' hypothesis on the coldness of the "Little Ice Age" revisited.
- 16 June. Mike Jetten (Radboud Univ. Nijmegen). Biodiversity and life style of marine and fresh water anammox bacteria.
- 22 June. Isabel Smallegange (NIOZ-MEE). Crabs in space: where do they forage and why?
- 21 September. Theo Gerkema (NIOZ-FYS). Earth rotation and ocean dynamics: the Coriolis force revisited.
- 28 September. Dirk K. Callebaut (Universiteit van Antwerpen) & Kees de Jager (NIOZ). Recent violent solar activity; causes and effects on Earth
- 5 October. Kees Camphuysen (NIOZ-MEE). Cetacean strandings in the The Netherlands, 1200-2006, and recent changes in the abundance of whales, dolphins and porpoises in the Southern North Sea
- 17-22 September. Mardik Leopold (IMARES Texel) & Kees Camphuysen (NIOZ-MEE). Preliminary results of necropsies performed in the NIOZ harbour (), on stranded harbour porpoises collected in The Netherlands
- 11 October. Martin Könneke (University of Oldenburg). Isolation of a marine mesophilic crenarchaeon implies archaeal nitrification and autotrophy in the Ocean
- 19 October. Joerg Ott (Univ. of Vienna, Austria). Marine thiotrophic symbioses: from mangroves to medicine.
- 2 November. Gerhard Herndl (NIOZ-BIO). Bacterial and archaeal function and diversity in the major deep water masses of the North Atlantic.
- 16 November. Jan W. de Leeuw (NIOZ-MBT). On the natural sequestration of CO₂
- 23 November. Marcel van der Meer (NIOZ-MBT). Stable hydrogen isotopic composition of long chain alkenones: Biological controls and applications
- 30 November. Alejandro Purgue (Cornell University, USA). A model for the physics of whale sound production and the development of a telemetry system to validate the model