

Curriculum Vitae - Els van Soelen

General

Name Els van Soelen
E-mail address els.van.soelen@nioz.nl

Research interests

- Biomarkers fore environmental and climate reconstructions
- Terrestrial organic matter transport to the ocean
- Holocene climate variability
- Compound specific hydrogen isotope analyses for precipitation reconstructions
- Tropical climate variability

Qualifications and experiences

2008 – 2012	PhD Organic Geochemistry (project: Hurricanes and Global change) Department of Geosciences - Geochemistry Faculty of Geosciences, Utrecht University Thesis title: Reconstructing Holocene climate and cyclone variability using geochemical proxies. Supervisor: Dr. J.S. Sinninghe Damsté and Dr. G.J. Reichart
2005 – 2007	MSc (Biogeology) Department of Geosciences Faculty of Geosciences, Utrecht University Thesis title: Cyclicity in the middle Eocene Arctic sediment record: orbital forcing and environmental response Supervisor: Dr. G.J. Reichart
2004 –2005	Analyst at NIOO (Netherlands Institute of Ecology), Monitor taskforce, Yerseke (sample collection and analyses of macro-zoo benthos in Dutch coastal waters)
2001 – 2004	BSc (Earth Sciences) Utrecht University

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Publications

- Van Soelen, E.E., G.R. Brooks, R.A. Larson, J.S. Sinninghe Damsté and G.J. Reichart (2012) Mid- to late-Holocene coastal environmental changes in southwest Florida, USA. *The Holocene*, 22, 929-938
- Van Soelen, E.E., E.I. Lammertsma, H. Cremer, T.H. Donders, F. Sangiorgi, G.R. Brooks, R.A. Larson, J.S. Sinninghe Damsté, F. Wagner-Cremer and G.J. Reichart (2010) Late Holocene sea-level rise in Tampa Bay: Integrated reconstruction using biomarkers, pollen, organic-walled dinoflagellate cysts, and diatoms. *Estuarine, Coastal and Shelf Science* 86, 216-224
- Lammers, J.M., E.E. van Soelen, T.H. Donders, F. Wagner-Cremer, J.S. Sinninghe Damsté, G.J. Reichart (2012) Human activity increases impact of natural variability in Florida wetlands.
- Sangiorgi, F., E.E. van Soelen, Brinkhuis, H., D. Spofforth, H. Pälike, C. E. Stickley, N. Koc, K. St. John, S. Schouten, J. S. Sinninghe Damsté (2008) Middle Eocene cyclicity in the Central Arctic Ocean sediment record: orbital forcing and the paleoenvironmental response. *Paleoceanography* 23. PA1S08