

08:30 - 09:30	Registration	Foyer
09:30 - 09:45	Plenary opening	Oudegracht 1 t/m 4
09:45 - 10:30	Keynote lecture by Carolien Kroeze – Wageningen University & Research	Oudegracht 1 t/m 4
10:30 - 11:00	Coffee break • Demo's and exhibits	Foyer
11:00 - 11:45	Keynote lecture by Ylona van Dinther – Utrecht University	Oudegracht 1 t/m 4
11:45 - 13:00	Lunch • Demo's and exhibits	Foyer

**Parallel Sessions 1.1**

Tracks	IODP/ICDP	Atmospheric Sciences	Hydrological Sciences	Geodynamics, Geophysics & Geodesy	Oceans	Coastal Dynamics	Biosphere	Geochemistry, Mineralogy, Petrology & Volcanology
Room	Oudegracht 1	Oudegracht 2	Oudegracht 3	Oudegracht 4	Domtoren 3	Domtoren 4	Domtoren 5	Domtoren 6
Moderators								
13:00 - 14:00	<p>13:00 - 13:15 Rick Hennekam - NIOZ <b>A Pliocene-Pleistocene record of aridity/humidity variability over North Africa</b></p> <p>13:15 - 13:30 Dominique Jenny - Utrecht Univ. <b>Paleoceanographic conditions of the Oligocene Eastern Equatorial Atlantic</b></p> <p>13:30 - 13:45 Mei Nelissen - NIOZ <b>Exploring links between excess magmatism during the North Atlantic continental breakup and the Paleocene-Eocene Thermal Maximum (PETM) – a marine palynological approach</b></p> <p>13:45 - 14:00 Tobias Agterhuis - Utrecht Univ. <b>Deep-sea warming in the Atlantic Ocean across the onset of the Early Eocene Climatic Optimum from clumped isotope thermometry</b></p>	<p>13:00 - 13:15 Berend Schuit - SRON <b>Automated detection of methane super-emitters in TROPOMI data using a machine learning based global monitoring system</b></p> <p>13:15 - 13:30 Ruben Schulte - WUR <b>Analysis of novel ammonia flux measurements to understand the diurnal variability of ammonia</b></p> <p>13:30 - 13:45 Renske Timmermans - TNO <b>Operational source attribution service for air pollution at national atmospheric measurement infrastructure locations, including Ruisdael</b></p> <p>13:45 - 14:00 Pieter Rijdsdijk - VU Amsterdam <b>The impact of the COVID-19 lockdown on CO<sub>2</sub> and NO<sub>2</sub> concentrations over Rotterdam using observations and a machine learning model.</b></p>	<p>13:00 - 13:15 Joram Hooghiem - WUR <b>Studying the impacts of droughts and CO<sub>2</sub> fertilization on the biosphere from atmospheric observations of CO<sub>2</sub> and its δ<sup>13</sup>C ratios with CarbonTracker</b></p> <p>13:15 - 13:30 Martijn van Leer - Utrecht Univ. <b>Mapping aquitard heterogeneity by combining a pumping test with inverse geostatistical modelling and upscaling</b></p> <p>13:30 - 13:45 Charlotte Braat - TU Delft <b>The effects of deforestation on downwind precipitation</b></p> <p>13:45 - 14:00 Jinhui Zhou - Leiden Univ. <b>A comparison between global nutrient retention models for freshwater systems</b></p>	<p>13:00 - 13:15 Rob Govers - Utrecht Univ. <b>A Probabilistic Assessment of the Causes of Active Deformation in the East Central Mediterranean Using Spherical Finite Element Models</b></p> <p>13:15 - 13:30 Mark van der Meijde - Univ. Twente / ITC <b>A new global crustal thickness model: ECM2022</b></p> <p>13:30 - 13:45 Bram Vaes - Utrecht Univ. <b>Calculating Global Apparent Polar Wander Since 320 Ma From Site-level Paleomagnetic Data</b></p> <p>13:45 - 14:00 Erik van der Wiel - Utrecht Univ. <b>Dynamics of upper and lower mantle subduction and its effects on the amplitude and pattern of mantle convection</b></p>	<p>13:00 - 13:15 Darshika Manral - Utrecht Univ. <b>Lagrangian connectivity of marine plankton under thermal constraints</b></p> <p>13:15 - 13:30 Miriam Sterl - NIOZ <b>The influence of topographic slopes on mesoscale ocean mixing</b></p> <p>13:30 - 13:45 Louise Delaigue - NIOZ <b>Variability in the biological pump in the South Atlantic Ocean</b></p> <p>13:45 - 14:00 Niek Kusters - NIOZ <b>Spiralling Inverse Method (SIM): A new inverse method to estimate ocean mixing</b></p>	<p>13:00 - 13:15 Dirk Jong - VU Amsterdam <b>Hydrodynamic sorting and degradation of permafrost organic matter in the nearshore zone of Herschel Island (Yukon, Canada)</b></p> <p>13:15 - 13:30 Jaap H. Nienhuis - Utrecht Univ. <b>How different are Arctic river deltas?</b></p> <p>13:30 - 13:45 Lina Madaj - VU Amsterdam <b>Sediment load and Organic Carbon Transport into Tuktoyaktuk Harbour, Northwest Territories, Canada</b></p> <p>13:45 - 14:00 Roeland van de Vijzel - WUR <b>Regime shifts in river deltas</b></p>	<p>13:00 - 13:15 Robbin Bastiaansen - Utrecht Univ. <b>Fragmented tipping in a spatially heterogeneous world</b></p> <p>13:15 - 13:30 Jordi Vila-Guerau de Arellano - WUR <b>Advancing on the understanding of in canopy biochemical and physical processes at the Amazonian rainforest</b></p> <p>13:30 - 13:45 Elizaveta Khazieva - VU Amsterdam <b>Assessing land degradation on a regional scale using a multi-data approach in Central Asia</b></p> <p>13:45 - 14:00 Sneha Chevuru - Utrecht Univ. <b>Hydrology and Crop production mutual feedbacks during droughts and heatwaves worldwide</b></p>	<p>13:00 - 13:15 Linus Streicher - VU Amsterdam <b>New synthetic zircon standards as reference materials for absolute trace element determinations in zircon</b></p> <p>13:15 - 13:30 Lisa Eberhard - Utrecht Univ. <b>Carbonate-serpentine mineral reactions causing low temperature dehydration</b></p> <p>13:30 - 13:45 Isaac Brouwers - VU Amsterdam <b>Geochemical analysis of Jurassic and Cretaceous volcanism in the subsurface of The Netherlands</b></p> <p>13:45 - 14:00 Sergěj Seepma - Utrecht Univ. <b>The influence of {Ba(2+)};{SO4(2-)} on particle charge, size and morphology during BaSO<sub>4</sub> Crystal Nucleation and Growth in Aqueous Solutions</b></p>
14:00 - 14:30	Coffee break • Demo's and exhibits		Foyer					
14:00 - 15:30	Poster session A • Posters related to Parallel sessions of Day 1		Oudegracht 5 / Domtoren 1 + 2					

**Parallel Sessions 1.2**

Tracks	Paleoclimate & Past Climate Change	Carbon Cycle	Energy, Resources & the Environment	Tectonics & Structural Geology	Ocean Dynamics	Subsidence	Geomorphology	Geochemistry, Mineralogy, Petrology & Volcanology
Room	Oudegracht 1	Oudegracht 2	Oudegracht 3	Oudegracht 4	Domtoren 3	Domtoren 4	Domtoren 5	Domtoren 6
Moderators								
15:30 - 16:30	<p>15:30 - 15:45 Nina Wichern - WWU Münster (GER) <b>Using high-resolution stable isotope records from the shell of the bivalve <i>Angulus benedeni benedeni</i> to investigate Pliocene seasonality</b></p> <p>15:45 - 16:00 Barbara Goudsmit-Harzevoort - NIOZ <b>The relationship between the global mean deep-sea and surface temperature during the Early Eocene</b></p> <p>16:00 - 16:15 Irene Waajen - Utrecht Univ. / TNO <b>Environmental reconstruction of the Early Weichselian southern North Sea</b></p> <p>16:15 - 16:30 Çilga Koç - Ege Univ. (Turkey) <b>Paleoclimate Estimates for the Leaf Flora from the lignite basin Bursa-Orhaneli (NW Turkey): Evidences for the Miocene Vegetation and Paleoenvironment</b></p>	<p>15:30 - 15:45 Fangbin Hou - UvA <b>Root-exudate-induced soil respiration rate of temperate grassland species increases under drought conditions</b></p> <p>15:45 - 16:00 Jiyao Liu - WUR <b>Reuse of domestic organic residues as soil organic amendment: recovered vs lost in current waste management in the Netherlands</b></p> <p>16:00 - 16:15 Kim Faassen - WUR <b>Measuring atmospheric O<sub>2</sub> and CO<sub>2</sub> above a boreal forest to better understand the carbon cycle</b></p> <p>16:15 - 16:30 Gerbrand Koren - Utrecht Univ. <b>Extreme droughts and floods in the Amazon forest</b></p>	<p>15:30 - 15:45 Fardad Maghsoudi - TU Delft <b>AHP-VIKOR for copper mineralization potential mapping, a case study from SE Iran</b></p> <p>15:45 - 16:00 Valerio Barbarossa - Leiden Univ. <b>Accounting for fish habitat fragmentation in global strategic assessments of future hydropower dam portfolios</b></p> <p>16:00 - 16:15 Philip Vardon - TU Delft <b>A 500m deep scientific drilling in Delft for monitoring, exploration and fundamental science</b></p> <p>16:15 - 16:30 Hannah Vogel - Utrecht Univ. <b>The applications of digital imaging coupled with machine-learning for assisting in the identification, analysis, and quantification of intergranular clays and clay films within reservoirs rocks</b></p>	<p>15:30 - 15:45 Maaikje Fonteijn - Utrecht Univ. <b>Styles of seamount subduction and how this affects overriding plate deformation and subduction zone seismicity</b></p> <p>15:45 - 16:00 Remi Charton - TU Delft <b>Phanerozoic continental cooling events in the rims of the Central Atlantic Ocean</b></p> <p>16:00 - 16:15 Jasper Smits - Utrecht Univ. <b>Laser Acoustic imaging of analogue scale models</b></p> <p>16:15 - 16:30 Job Arts - Utrecht Univ. <b>Mechanical and microstructural characterization of Groningen type natural and simulated fault gouge mixtures</b></p>	<p>15:30 - 15:45 Peter Kraal - NIOZ <b>A strongly altered nitrogen:phosphorus ratio in oxygen-depleted waters of the Benguela upwelling system: mechanisms and implications</b></p> <p>15:45 - 16:00 Irene Rollingswier - NIOZ <b>Mapping the carbonate system in the Southern Bight of the North Sea</b></p> <p>16:00 - 16:15 Cecile Hilgen - NIOZ <b>Decadal variability southern North Sea pH: ocean acidification in reverse?</b></p> <p>16:15 - 16:30 Simen Bootsma - NIOZ <b>Computation of global calcium carbonate dissolution from diapycnal alkalinity transport</b></p>	<p>15:30 - 15:45 Manon Verberne - Utrecht Univ./TNO <b>Disentangling shallow sources of subsidence in an urbanized reclaimed coastal plain, Almere, South Flevopolder the Netherlands</b></p> <p>15:45 - 16:00 Marius Wouters - Utrecht Univ. <b>On the recoverability of geomechanical model complexities from surface deformation data above the Groningen gas field</b></p> <p>16:00 - 16:15 Samantha Kim - TU Delft <b>On the use of InSAR observations in data assimilation problems to estimate reservoir compaction</b></p> <p>16:15 - 16:30 Nitheshnirmal Sadhasivam - Univ. Twente <b>Deformation Dynamic Analysis of Earthquake-Driven Landslides Using Sentinel-1 SAR imagery</b></p>	<p>15:30 - 15:45 Arnaud Temme - Kansas State Univ. (KS, US) <b>Line dance or mosh pit: how uplift signals are transmitted or shredded by thin cliffs, the blocks they produce and the soils they impact</b></p> <p>15:45 - 16:00 Jasper Candel - WUR <b>Sharp bends in lowland rivers: the norm instead of the exception</b></p> <p>16:00 - 16:15 Sjoukje de Lange - WUR <b>Influence of silt in sand-silt mixtures on dynamic near-equilibrium bedform geometry</b></p> <p>16:15 - 16:30 Marijn van der Meij - Univ. Cologne (GER) <b>Geomorphological mapping using deep learning</b></p>	<p>15:30 - 15:45 Martina Preiner - NIOZ / Utrecht Univ. <b>How nanoparticles might connect serpentinization, origin of life and carbon fixation</b></p> <p>15:45 - 16:00 Alemeh Karami - Utrecht Univ. <b>Investigating the impact of {Fe2+};{HS-} ratio on FeS formation: preliminary results on particle size and charge</b></p> <p>16:00 - 16:15 Vincent Peters - Utrecht Univ. <b>Multi-Phase Coexistence in Colloidal Rod-Polymer Mixtures</b></p> <p>16:15 - 16:30 Alessia Corbetta - Utrecht Univ. <b>Control of filter age on Mn removal in rapid sand filters for drinking water production</b></p>
16:30 - 17:00	Coffee break • Demo's and exhibits		Foyer					
17:00 - 17:30	Award ceremony • NWO Science Prizes & Vening Meinesz Prize		Oudegracht 1 t/m 4					
17:30 - 18:30	Drinks		Foyer					
18:30 - 20:30	Diner		Nieuwegracht 1+2					
20:30	Evening programme							

08:15 - 09:00	Registration	Foyer
09:00 - 09:45	Keynote lecture by Cathelijne Stoof – Wageningen University & Research	Oudegracht 1 t/m 4
09:45 - 10:15	Coffee break • Demo's and exhibits	Foyer
09:45 - 11:15	Poster session B • Posters related to Parallel sessions of Day 2	Oudegracht 5 / Domtoren 1 + 2

## Workshops

Room	Oudegracht 1	Oudegracht 2	Oudegracht 3	Oudegracht 4	Domtoren 3	Domtoren 4	Domtoren 5	Domtoren 6
11:15 - 12:15	Workshop 1 Townhall Meeting by IODP/ICDPP	Workshop 2 This is why there are so few female earth scientists (and this is how to change it) by KNGMG	Workshop 3A t.b.d.	Workshop 3B t.b.d.	Workshop 4 PEPSci	Workshop 5 Diversity & Inclusion by Carry Hergaarden	Workshop 6 INQUA by Jan-Berend Stuuat	Workshop 7 Design Thinking in Research
12:15 - 13:15	Lunch • Demo's and exhibits	Foyer						

## Parallel Sessions 2.1

Tracks	Biogeosciences 1	Seismology & Rock Physics 1	Soil System Sciences 1	Sea-level Change & Weather Extremes 1	Natural & Human Induced Hazards & Threats	Earth Observation & Remote Sensing	Education, Outreach	Deep Interior
Room	Oudegracht 1	Oudegracht 2	Oudegracht 3	Oudegracht 4	Domtoren 3	Domtoren 4	Domtoren 5	Domtoren 6
Moderators								
13:00 - 14:00	<p>13:15 - 13:30 Lydian Boschman - Utrecht Univ. <b>Mountain radiations are not only rapid and recent: Ancient diversification of South American frog and lizard families related to Paleogene Andean orogeny and Cenozoic climate variations</b></p> <p>13:30 - 13:45 Anouk van Boxtel - NIOZ <b>Assessing seasonal effects of Saharan dust deposition on phytoplankton productivity and downward carbon fluxes in the Mediterranean Sea</b></p> <p>13:45 - 14:00 Sjoerd Drijfhout - Utrecht Univ. <b>Assessing the biomarker potential of lipids derived from pollen from a variety of plants</b></p> <p>14:00 - 14:15 Camila Areias - VU Amsterdam <b>Dolomitization experiments with shallow marine carbonate sediments</b></p>	<p>13:15 - 13:30 Loes Buijze - TNO <b>Hot Topics: Could geothermal energy production in the Netherlands lead to induced seismicity?</b></p> <p>13:30 - 13:45 Mark Jefferd - Utrecht Univ. <b>The deformation behaviour of sandstone reservoir subjected to cyclic stresses</b></p> <p>13:45 - 14:00 Eldert Fokker - Utrecht Univ. <b>From seismic ambient noise to 4D pore pressure monitoring</b></p> <p>14:00 - 14:15 Meng Li - Utrecht Univ. <b>Deciphering fluid extraction-induced earthquake nucleation in Groningen under rate-strengthening friction</b></p>	<p>13:15 - 13:30 Donghao Xu - WUR <b>Assessing optimal nutrient management strategies to balance crop requirements and mitigate soil acidification</b></p> <p>13:30 - 13:45 Yan Wang - WUR <b>Effects of chloropicrin fumigation and azoxystrobin application on ginger growth and soil phosphorus availability</b></p> <p>13:45 - 14:00 Sigrid van Grinsven - TU München (GER) <b>Get connected: Transport of C, N, P from agricultural soils to the atmosphere and the aquatic environment</b></p> <p>14:00 - 14:15 Xingjuan Zhu - WUR <b>Impacts of site conditions on nitrogen use efficiency of fertilizer and manure in rice wheat, maize and soybean systems in China</b></p>	<p>13:15 - 13:30 Miren Vizcaino - TU Delft <b>Processes and thresholds for large sea level rise contributions from Greenland</b></p> <p>13:30 - 13:45 Maarten Kleinhans - Utrecht Univ. <b>What if the delta decided? Neogeographical maps of the Dutch lowlands in a future with sea-level rise</b></p> <p>13:45 - 14:00 Tim Hermans - NIOZ <b>The Effect of Wind Stress on Seasonal Sea-Level Change on the Northwestern European Shelf</b></p> <p>14:00 - 14:15 Victor Malagón-Santos - NIOZ <b>Interval Variability and Forced Response in Sterodynamic Sea Level Change in Large Ensembles</b></p>	<p>13:15 - 13:30 Jan ter Heege - TNO <b>Induced seismicity potential for geothermal projects targeting Dinantian carbonates in the Netherlands: Regional differentiation based on geological factors</b></p> <p>13:30 - 13:45 Jesper Spetzler - KNMI <b>Hazard Analysis inherent to Seismicity in the South of the Netherlands, Belgium and Germany</b></p> <p>13:45 - 14:00 Irene Manzella - Univ. Twente <b>Numerical modelling of tsunamis generated by landslides and Pyroclastic Density currents at Stromboli volcano (Italy)</b></p> <p>14:00 - 14:15 Priscilla Niyokwirirwa - Univ. Twente / ITC <b>Cloud-based landslide Mapping for Landslide Hazard Assessment</b></p>	<p>13:15 - 13:30 Gijs Leguijt - SRON and TNO <b>Satellite remote sensing of carbon monoxide emissions from cities</b></p> <p>13:30 - 13:45 Anne-Wil van den Berg - WUR <b>Estimating fire CO<sub>2</sub> emissions using a joint CO/CO<sub>2</sub> inversion driven by satellite data (OCO-2, TROPOMI) for the Amazon in 2019</b></p> <p>13:45 - 14:00 Logambal Madhuanand - Utrecht Univ. <b>Predictive performance of silt content of tidal flats by using encoded features from a deep learning model</b></p> <p>14:00 - 14:15 Amina Mohammedshum - Univ. Twente <b>Evaluating the performance of EO-based approaches for mapping small-scale irrigation areas in Northern Ethiopia</b></p>	<p>13:15 - 13:30 Iris de Wolf - Utrecht Univ. <b>Unlocking the wealth of Dutch Pollen Data for future research and education</b></p> <p>13:30 - 13:45 Ronald Pijnenburg - Utrecht Univ. <b>Open access to Dutch Earth scientific research labs and data through EPOS-NL</b></p> <p>13:45 - 14:00 Steven Knoop - KNMI <b>Scanning Doppler wind lidar at Ruisdael Observatory, station Cabauw</b></p> <p>14:00 - 14:15 Max Rietkerk - Utrecht Univ. <b>Pathways of resilience in complex systems</b></p>	<p>13:15 - 13:30 Rûna van Tent - Utrecht Univ. <b>New global constraints on transition-zone topography from normal-mode tomography</b></p> <p>13:30 - 13:45 Sujania Talavera-Soza - Utrecht Univ. <b>Global 3D model of mantle attenuation using seismic normal modes</b></p> <p>13:45 - 14:00 Ashim Rijal - Utrecht Univ. <b>Constraining lower mantle temperature and bulk composition using neural networks</b></p> <p>14:00 - 14:15 Nataschia Luciani - VU Amsterdam <b>Investigating combined arc and OIB signatures at a post-collisional subduction setting by geochemical and boron isotope analyses of melt inclusions from Vulture, Italy</b></p>
14:15 - 14:45	Coffee break • Demo's and exhibits		Foyer					

## Parallel Sessions 2.2

Tracks	Biogeosciences 2	Seismology & Rock Physics 2	Soil System Sciences 2	Sea-level Change & Weather Extremes 2	Societal Impact	Comparative Planetology	Stratigraphy & Sedimentology
Room	Oudegracht 1	Oudegracht 2	Oudegracht 3	Oudegracht 4	Domtoren 3	Domtoren 4	Domtoren 5
Moderators							
14:45 - 15:45	<p>14:45 - 15:00 Caixia Wei - UvA <b>Is pollen size a reliable proxy in paleobiogeographic studies? New insights from Poaceae study in the Amazon drainage basin</b></p> <p>15:00 - 15:15 Inga Hölscher - NIOZ <b>Distribution of Bacteriophanepolyols in the Gulf of Mexico water column after a deepwater oil spill</b></p> <p>15:15 - 15:30 Danica Mitrovic - NIOZ <b>Archaeal lipids as indicators for paleo-environmental change in an evaporitic basin (Vena del Gesso, Italy)</b></p> <p>15:30 - 15:45 Mingkai Ma - Utrecht Univ. <b>A mechanistic and kinetic study of vivianite (Fe<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>·8H<sub>2</sub>O) formation from FeS</b></p>	<p>14:45 - 15:00 Vincent van der Heiden - Utrecht Univ. <b>Constraining the maximum magnitude in Groningen through 3D multi-physics, data-driven modelling of planar faults</b></p> <p>15:00 - 15:15 Jesper Spetzler - KNMI <b>Hypocenter Relocation of Historical Earthquakes between 1911 and 2021 in the South of the Netherlands and Adjacent Regions in Belgium and Germany</b></p> <p>15:15 - 15:30 Mathijs Koymans - KNMI <b>Passive Assessment of Geophysical Instruments using Electrical Network Frequency Analysis</b></p> <p>15:30 - 15:45 David Vargas - Utrecht Univ. <b>A Tile Low-Rank matrix completion approach to seismic data interpolation</b></p>	<p>14:45 - 15:00 Mengru Jia - UvA <b>How deadwood changes gross nitrogen turnover in two European forests: Insights from a 8-year common garden experiment</b></p> <p>15:00 - 15:15 Jim Boonman - VU Amsterdam <b>Linking peatland redox conditions to pore water composition and metabolic processes</b></p> <p>15:15 - 15:30 Erik Cammeraat - UvA <b>Carbon sequestration dynamics on a glacier forefield</b></p> <p>15:30 - 15:45 Anatol Helfenstein - WUR <b>A four-dimensional soil modelling and mapping platform at 25m resolution for the Netherlands</b></p>	<p>14:45 - 15:00 Carolina Camargo - NIOZ <b>Regionalizing the Sea-level Budget Using a Neural Network Approach</b></p> <p>15:00 - 15:15 Paolo Scussolini - VU Amsterdam <b>Challenges in the attribution of flood events to anthropogenic global warming and other drivers</b></p> <p>15:15 - 15:30 Sanne Muis - VU Amsterdam / Deltares <b>Setting new standards for global projections of extreme sea levels using storm-resolving climate models</b></p> <p>15:30 - 15:45 Jesse Reusen - TU Delft <b>Horizontal motions and compressibility in models for Glacial Isostatic Adjustment</b></p>	<p>14:45 - 15:00 Irene Manzella - Univ. Twente <b>The Centre for Disaster Resilience (CDR): a newbie in the Dutch Geoscience community</b></p> <p>15:00 - 15:15 Antoine Coudard - Leiden Univ. <b>Global water and energy losses from consumer avoidable food waste</b></p> <p>15:15 - 15:30 Oscar Kamps - TU Delft <b>TRIM4PM project: the transition from coal exploitation to a re-vitalized post-mining landscape</b></p> <p>15:30 - 15:45 Zerihun Gurmu - WUR <b>Irrigated agriculture and sediments: perception, severity, and options for reduction</b></p>	<p>14:45 - 15:00 Jitse Alsemgeest - VU Amsterdam <b>Impact-related vein reactivation of pre-existing, hydrothermally-filled fractures</b></p> <p>15:00 - 15:15 Nina Kopacz - Utrecht Univ. <b>The chemical evolution of polycyclic aromatic hydrocarbons in clay-rich environments on Mars</b></p> <p>15:15 - 15:30 Marc Heemskerk - VU Amsterdam <b>Impact of Human Presence on Astrobiological Processes Inside Lava Tubes and Their Implications for Lunar and Martian Lava Tube Research</b></p> <p>15:30 - 15:45 Vivian Adhiambo - TU Delft <b>Parameterized mantle dynamics of rocky worlds in relation to climate</b></p>	<p>14:45 - 15:00 Frank van Ruitenbeek - Univ. Twente <b>Infrared Hyperspectral Mineral Mapping of Sedimentary Drill-Core</b></p> <p>15:00 - 15:15 Niklas Hohmann - Univ. Warsaw (Poland) <b>Sedimentation rates determine the temporal resolution of the marine stratigraphic record</b></p> <p>15:15 - 15:30 Dan Palcu - Utrecht Univ. <b>Impact of sea-level rise on anoxic basins: Paratethys vs. Black Sea</b></p> <p>15:30 - 15:45 Kim Cohen - Utrecht Univ. <b>Last Interglacial sea-level data points from Northwest Europe</b></p>
16:15 - 17:15	Keynote lecture by Eilard Hoogerduijn Strating - Royal Haskoning DHV • followed by panel discussion (Moderator Bob Hoogendoorn)			Oudegracht 1 t/m 4			
17:15 - 17:45	Plenary closing • Prizes & Awards, including the KNGMG Escher- & Jelgersma Prizes and NJG publication Prize			Oudegracht 1 t/m 4			
17:45 - 18:45	Drinks			Foyer			