

# Distinguished Lectures for Universities Series, 2024: Candidate Speakers

## EGU General Assembly 2023 GIFT Workshop

<b>Jonghwi Park</b>	United Nations University, Tokyo, Japan	<a href="#"><u>Accelerating Progress in Education: Challenges and opportunities</u></a>	Science Education
<b>Laurent Bopp</b>	Ecole Normale Supérieure, Paris, France	<a href="#"><u>The ocean and its ecosystems, climate change and the sustainable development goals</u></a>	Oceans; Climate Change; Sustainability; Ecosystems
<b>Clara Vasconcelos</b>	University of Porto, Portugal	<a href="#"><u>Equitable education for all: teachers as leaders of change</u></a>	Science Education
<b>Lena Abrahamsson</b>	Luleå University of Technology, Sweden	<a href="#"><u>Gender equality in geosciences - why and how?</u></a>	Diversity, Equity, and Inclusion
<b>Luigi De Filippis</b>	(Spallanzani Scientific High-School, Tivoli, Italy)	<a href="#"><u>Agenda2030@school: Liceo Spallanzani</u></a>	Science Education
<b>Antonija Bogadi</b>	SYNYO GmbH, Vienna, Austria	<a href="#"><u>The circular city challenge project</u></a>	Science Education; Sustainability
<b>Jarmo Kikstra</b>	Imperial College London, UK	<a href="#"><u>The role of energy in sustainable development</u></a>	Sustainability; Energy & Resources
<b>Andreas Fink</b>	Karlsruhe Institute of Technology, Germany	<a href="#"><u>The predictability of European heat waves</u></a>	Climate Change; Natural Hazards; Environmental Monitoring & Modelling
<b>Giuliana Panieri</b>	The Arctic University of Norway	<a href="#"><u>An expedition in the arctic ocean to promote the sustainable development goals</u></a>	Sustainability; Cryosphere; Oceans
<b>Daniela Neumann</b>	Science on Stage Deutschland	<a href="#"><u>How to integrate the SDGs in STEM lessons - New teaching material with hands-on examples</u></a>	Sustainability; Science Policy; Science Education
<b>Hubert H.G. Savenije</b>	Delft University of Technology	<a href="#"><u>The river basin as a living organism</u></a>	Hydrology
<b>Alberto Montanari</b>	Università di Bologna, Italy	<a href="#"><u>The major challenges for ensuring a sustainable use of freshwater under change</u></a>	Hydrology; Sustainability
<b>Paolo Papale</b>	Istituto Nazionale di Geofisica e Vulcanologia, Roma, Italy	<a href="#"><u>Challenges and perspectives for the science of volcanoes in the current decade</u></a>	Volcanism; Natural Hazards
<b>Domenico Giardini</b>	ETH Zürich	<a href="#"><u>Earthquake hazard and societal risk</u></a>	Natural Hazards;
<b>Daniele Bailo</b>	EPOS team	<a href="#"><u>EPOS: A novel geoscience open data platform for a better understanding of planet Earth</u></a>	Open Science; Plate Tectonics; Solid Earth

<b>Rosanna Paciello</b>	EPOS team	<a href="#">EPOS: A novel geoscience open data platform for a better understanding of planet Earth</a>	Open Science; Plate Tectonics; Solid Earth
<b>Carmela Freda</b>	EPOS team	<a href="#">EPOS: A novel geoscience open data platform for a better understanding of planet Earth</a>	Open Science; Plate Tectonics; Solid Earth

### **[Geosciences Information for Teachers virtual workshop \(vGIFT\) 2022](#)**

<b>Ray Dueser</b>	University of Virginia	<a href="#">The Ecology of Pleistocene Europe as represented in Paleolithic Cave Paintings</a>	Human History; Ecosystems; Science-Art
<b>Grant Heiken</b>	IUGG Fellow, book author)	<a href="#">The influence of geology on the Roman civilization</a>	Geology; Human History
<b>Matthew Toohey</b>	University of Saskatchewan	<a href="#">Climatic and societal impacts of the volcanic double event at the dawn of the Dark Ages</a>	Past Climate; Human History; Volcanism; Natural Hazards
<b>Hishashi Hayakawa</b>	Institute for Space–Earth Environmental Research, Nagoya University	<a href="#">An overview of the historical space climate, as seen from the historical archives and classics. Records of aurorae from ancient Mesopotamia and Greece to Austrian</a>	Human History; Solar, Space and Planets
<b>Laura Epp</b>	University of Konstanz	<a href="#">Molecular paleoecology to track the history of species and ecosystems</a>	Ecosystems; Earth History
<b>Elena Xoplaki</b>	Justus-Liebig-University Giessen	<a href="#">The Medieval Climate Anomaly and Byzantium: A review of the evidence on climatic fluctuations, economic performance and societal change</a>	Human History; Past Climate
<b>Carlo Laj</b>	École Normale Supérieure	<a href="#">Machu Picchu, the lost city of the Incas</a>	Human History
<b>Yannick Devos</b>	Vrije Universiteit Brussel	<a href="#">Urban geoarchaeology in Belgium</a>	Human History; Geology
<b>Katrin Kleemann</b>	German Maritime Museum – Leibniz Institute for Maritime History	<a href="#">The physical and societal impacts of volcanic eruptions: the case of the 1783 AD Laki eruption</a>	Human History; Volcanism; Natural Hazards
<b>Francis Ludlow</b>	Trinity College Dublin	<a href="#">Finding Earth System Processes in Ancient Papyri and Medieval Chronicles, and Human History in Tree-Rings and Ice-Cores</a>	Human History; Past Climate; Atmosphere; Natural Hazards; Volcanism
<b>Christos Zerefos</b>	Research Center for Atmospheric Physics and Climatology, Academy of Athens	<a href="#">Volcanoes, geophysics, climate and art</a>	Human History; Geology; Past Climate; Art-Science
<b>Richard Williams</b>	Steffanson Arctic Institute	<a href="#">Natural Hazards Faced by Icelanders</a>	Human History; Natural Hazards; Cryosphere; Volcanism

## Geosciences Information for Teachers virtual workshop (vGIFT) 2021

<b>Alessandro Morbidelli</b>	CNR L'Observatoire de la Côte d'Azur	<a href="#"><u>Water on earth: Why so little? Why so much?</u></a>	Hydrology; Earth History
<b>Clint Conrad</b>	University of Oslo, Norway	<a href="#"><u>Earth's history of changing sea level</u></a>	Oceans; Earth History
<b>Guenter Bloeschl</b>	Vienna University of Technology, Austria	<a href="#"><u>Floods</u></a>	Hydrology; Natural Hazards; Climate Change
<b>Carla Sofia Rocha</b>	University of Lisbon, Portugal	<a href="#"><u>Heritage of natural mineral water</u></a>	Hydrology; Human History; Cryosphere; Atmosphere; Sustainability
<b>Rainer Lehmann</b>	European University Flensburg, Germany	<a href="#"><u>MOSAIC Observatory for studying arctic climate</u></a>	Cryosphere; Climate Change
<b>Marylou Athanse</b>	Alfred egener Institute, Germany	<a href="#"><u>MOSAIC Observatory for studying arctic climate</u></a>	Cryosphere; Climate Change
<b>Jamie Woodward</b>	University of Manchester, UK	<a href="#"><u>Microplastics in rivers</u></a>	Hydrology; Pollution
<b>Elena Xoplaki</b>	Justus Liebig University Giessen, Germany	<a href="#"><u>Water, drought and resilience in the Mediterranean</u></a>	Hydrology; Natural Hazards; Climate Change
<b>Terri Cook</b>	Laboratory for Atmospheric and Space Physics (LASP), USA	<a href="#"><u>Sciences as Story</u></a>	Science Communication; Science Education
<b>Colin Price</b>	Tel Aviv University, Israel	<a href="#"><u>Water, lightning and atmospheric electricity</u></a>	Energy & Resources; Hydrology; Atmosphere
<b>Valerie Masson-Delmotte</b>	Climate and Environment Sciences Laboratory (LSCE), France	<a href="#"><u>How the Intergovernmental Panel on Climate Change (IPCC) works</u></a>	Climate Change; Science Policy; Science Communication
<b>Laurent Bopp</b>	Ecole Normale Supérieure de Paris, France	<a href="#"><u>The global carbon cycle</u></a>	Climate Change; Oceans; Sustainability; Geology
<b>Éva Hartai</b>	University of Miskolc, Hungary	<a href="#"><u>ENGIE: encouraging girls to study geosciences and engineering</u></a>	Diversity, Equity, and Inclusion
<b>Stephanie Werner</b>	University of Oslo, Norway	<a href="#"><u>Water in the solar system</u></a>	Hydrology; Solar, Space and Planets
<b>Elena Pettineli</b>	Università of Roma Tre, Italy	<a href="#"><u>The search for liquid water on Mars</u></a>	Hydrology; Solar, Space and Planets

## EGU General Assembly 2019 GIFT Workshop

<b>Xavier Le Pichon</b>	Collège de France, France	<a href="#">Fifty years of Plate Tectonics - Afterthoughts of a witness</a>	Plate Tectonics; Natural Hazards
<b>Carlo Laj</b>	École Normale Supérieure, Paris, France	<a href="#">Magnetic Anomalies Over Oceanic Ridges - In the footsteps of Frederick Vine</a>	Earth Magnetism; Oceans; Plate Tectonics
<b>Onno Oncken</b>	GFZ, Potsdam, Germany	<a href="#">Plate Tectonics: A geological perspective</a>	Plate Tectonics; Geology; Earth History; Past Climate; Atmosphere
<b>Barbara Romanowicz</b>	Collège de France, Paris, France / University of California, Berkeley, USA	<a href="#">Imaging the Deep Earth</a>	Plate Tectonics; Solid Earth
<b>Giuliana D'Addezio</b>	INGV, Rome, Italy	<a href="#">ENVRiplus e-learning platform</a>	Science Education
<b>Marina Longhitani</b>	INGV, Rome, Italy	<a href="#">ENVRiplus e-learning platform</a>	Science Education
<b>Christophe Vigny</b>	Ecole Normale Supérieure/CNRS, Paris, France	<a href="#">Plate Tectonics: The origin of earthquakes in and around stable plates</a>	Plate Tectonics; Natural Hazards
<b>Mathilde Cannat</b>	CNRS-Institut de Physique du Globe de Paris, France	<a href="#">Seafloor spreading: plate divergence processes at mid-ocean ridges</a>	Plate Tectonics; Oceans
<b>Teresita Gravina</b>	EGU Committee on Education	<a href="#">SCIENTIX and europeana: Online resources to teach Earth sciences</a>	Science Education
<b>Jean-Philippe Avouac</b>	California Institute of Technology, Pasadena, USA	<a href="#">Earthquakes and Plate tectonics - Sinking oceans and rising mountains, earthquakes that shape the Earth</a>	Plate Tectonics; Natural Hazards; Earth History; Oceans
<b>Clinton P. Conrad</b>	University of Oslo, Norway	<a href="#">Plate Tectonics: Linking Surface Geology to Earth's Deep Interior</a>	Plate Tectonics; Geology; Solid Earth
<b>Gilles Ramstein</b>	CEA-LSCE, GIF-Sur-Yvette, France	<a href="#">Plate tectonics and climate - What's new since Wegener and Köppen?</a>	Plate Tectonics; Past Climate; Earth History; Atmosphere; Climate Change
<b>Akis Panagis</b>	Structural Department of Rion Antirion Bridge, Patras, Greece	<a href="#">Bridging the rift - Earthquake design of the Rion-Antirion bridge</a>	Natural Hazards
<b>Francesco Sarti</b>	ESA, Frascati, Italy	<a href="#">Use of satellite data (Earth observation and navigation) for Plate Tectonics applications</a>	Plate Tectonics; Environmental Monitoring & Modelling
<b>Nicolas Coltice</b>	Ecole Normale Supérieure, Paris, France	<a href="#">Some shapes of Plate Tectonics to come</a>	Plate Tectonics; Environmental Monitoring & Modelling

## Geoscience Information for Teachers (GIFT) 2018

<b>Marc Chaussidon</b>	Institut de Physique du Globe, Paris, France	<a href="#"><u>The first million years of the Solar system: from dust to planets</u></a>	Earth History; Solar, Space and Planets
<b>Stephen J. Mojzsis</b>	University of Colorado, CO, USA	<a href="#"><u>The emergence of life</u></a>	Earth History; Ecosystems
<b>John A. Tarduno</b>	University of Rochester, NY, USA	<a href="#"><u>When did the Earth's magnetic field start, and how has it contributed to the preservation of life?</u></a>	Earth History; Earth Magnetism; Ecosystems
<b>Massimo Mattei</b>	Università degli Studi Roma Tre, Rome, Italy	<a href="#"><u>Plate Tectonics: The scientific revolution that revealed how our planet works</u></a>	Plate Tectonics; Solid Earth
<b>Ariel Anbar</b>	Arizona State University, Arizona, USA	<a href="#"><u>The great oxidation event, 2.3 billion years ago</u></a>	Earth History
<b>Isabelle Ansoorge</b>	University of Cape Town, South Africa	<a href="#"><u>Shaping the Earth - from Pangaea... and possibly back again!</u></a>	Earth History; Plate Tectonics
<b>David P.G. Bond</b>	University of Hull, United Kingdom	<a href="#"><u>How volcanic eruptions caused Earth's greatest mass extinction and what that tells us about the future</u></a>	Earth History; Ecosystems; Volcanism; Natural Hazards
<b>Christian Koeberl</b>	Natural History Museum and University of Vienna, Austria	<a href="#"><u>Impact events in Earth history: The cretaceouspaleogene boundary ejecta layer and its source crater at Chicxulub</u></a>	Earth History; Natural Hazards; Solar, Space and Planets
<b>Reinhold Leinfelder</b>	Free University, Berlin, Germany	<a href="#"><u>Welcome to the Anthropocene - the Earth in our hands</u></a>	Earth History; Sustainability; Pollution
<b>Francesco Sarti</b>	European Space Agency / ESRIN, Frascati, Italy	<a href="#"><u>How Earth observation (EO) from space changed our knowledge of the planet</u></a>	Environmental Monitoring and Modelling; Solar, Space and Planets; Climate Change; Oceans; Science Education
<b>Chris Stewart</b>	European Space Agency / ESRIN, Frascati, Italy	<a href="#"><u>How Earth observation (EO) from space changed our knowledge of the planet</u></a>	Environmental Monitoring and Modelling; Solar, Space and Planets; Climate Change; Oceans; Science Education
<b>Manuel Pubellier</b>	Ecole Normale Supérieure, Paris, France	<a href="#"><u>VtWeB, a new site for teaching geology and geophysics</u></a>	Science Education; Geology
<b>Serge Riazanoff</b>	Visio Terra, Champs-sur-Marne, France	<a href="#"><u>VtWeB, a new site for teaching geology and geophysics</u></a>	Science Education; Geology
<b>Maja Sojtaric</b>	UiT The Arctic University of Norway	<a href="#"><u>Ice sheet evolution in the Arctic - interactive storytelling</u></a>	Cryosphere; Science Education; Science Communication; Human History

<b>Henry Patton</b>	UiT The Arctic University of Norway	<a href="#"><u>Ice sheet evolution in the Arctic - interactive storytelling</u></a>	Cryosphere; Science Education; Science Communication; Human History
<b>Alun Hubbard L.</b>	UiT The Arctic University of Norway	<a href="#"><u>Ice sheet evolution in the Arctic - interactive storytelling</u></a>	Cryosphere; Science Education; Science Communication; Human History
<b>Mona Holmø</b>	Nordnorsk vitensenter, Tromsø, Science centre, Tromsø, Norway	<a href="#"><u>Ice sheet evolution in the Arctic - interactive storytelling</u></a>	Cryosphere; Science Education; Science Communication; Human History