

DEEP-TIME DIGITAL EARTH (DDE) OPEN SCIENCE FORUM

November 9th 2022, Paris, France

A G E N D A



VENUE & TIME

10:00-17:30, 9 November 2022, Wednesday
Salle II, UNESCO Headquarters, 7 Place de Fontenoy,
75007, Paris, France

Agenda

Arrival of participants and registration: 0930-1000

Opening session: 1000-1030

Moderator: Prof. John Ludden, President, IUGS

Opening Remarks by:

Dr. Shamila-Nair Bedouelle, ADG/SC, UNESCO

Representative of ISC

Prof. Jennifer McKinley, President, DDE Governing Council and Counsellor, IUGS

Technical Session 1: 1030 – 1130

Implementing UNESCO Open Science Recommendation with FAIR (Findable, Accessible, Interoperable and Reusable) principles

Chair: Dr. Simon Hodson, Executive Director, CODATA

Keynote: H.E. Ms Ramata Bakayoko-Ly, Ambassador, Permanent Delegate, Côte d'Ivoire - Open Science and the 2021 UNESCO Open Science Recommendation (15 mins)

Keynote: IUGS at 60 – contributions to Open Science - Prof. John Ludden, President, IUGS (10 mins)

Keynote: Deep-time Digital Earth (DDE): Big Science Program for UNESCO Open Science Recommendation - Prof. Chengshan Wang, Chair, DDE Executive Committee (10 mins)

Audience questions, comments, suggestions, and discussion (20 minutes)

Summary/wrap-up by Chair (5 mins)

Rapporteur: Matt Harrison, BRGM

1130-1200: Refreshment break

Technical Session 2: 1200-1300

Geosciences contributions to addressing emerging global environment and development challenges

Chair: Sierd Cloetingh, past President of the Association for Cooperation of European Science & Technology and Academie Europea (TBC)

Keynote (15 mins): Prof. Qiuming Cheng, past President of IUGS - Geosciences for Sustainable Development Goals (SDGs)

Panel discussion (20 minutes) - Panelists:

Prof. Michael Stephenson, Past-President, DDE Governing Council; DDE Director Europe/Middle East

Olivier Peyret, Chairman, Schlumberger France and Director, New Energy Europe

Sven Renner, Program Manager, Extractive Global Programmatic Support (EGPS) Multi-Donor Trust Fund, Energy and Extractives, World Bank

Audience questions, comments, suggestions, and discussion (20 minutes)

Summary/wrap-up by Chair (5 mins)

Rapporteur: Dr. Patrick Friend, Global Project Manager, DDE

Agenda

Lunch: 1300 – 1430

Technical Session 3: 1430 – 1530

DDE Platform: infrastructure, data sharing and data sciences tools

Chair: Prof. Jennifer McKinley, President, DDE Governing Council and Counsellor, IUGS

Keynote (15 mins): Deep-time.org: accelerate geosciences discoveries through open science practices - Dr. Jian Wang, Chief Architect Officer, DDE

Keynote (10 mins): Mineral Informatics and the Deep-time Evolution of Earth - Prof. Robert Hazen, Carnegie Institution for Science, USA and Member, DDE Science Committee

Keynote (10 mins): DDE: Big data and AI algorithms reveal the evolutionary history of life in a finer scale - Prof. Junxuan Fan, Secretary General, DDE

Audience questions, comments, suggestions, and discussion (20 minutes) Summary/ wrap-up by Chair (5 mins)

Rapporteur: Dr. Haipeng Li, Post-Doctoral Fellow, DDE Research Centre for Excellence (RCE)

Refreshment break: 1530 – 1600

Technical Session 4: 1600 – 1700

Geo-literacy: raising public awareness and societal relevance of geosciences

Chair: Dr. Gloria Preto Rincon, Director, Mineral Resources Directorate, Columbian Geological Survey, Columbia (TBC)

Keynote (15 mins): Designing software to build Geoscience literacy - Dr. Daven Quinn, Research Scientist, University of Wisconsin – Madison, USA

Panel discussion (20 minutes) - Panelists:

Dr. Silvia Peppeloni, Secretary-General International Association for Promoting Geoethics (IAPG)

Patricio Villafaña, Young Earth Scientist (YES) Network and Leader, DDE Young Scientists Task Group

Audience questions, comments, suggestions, and discussion (20 minutes) Summary/ wrap-up by Chair (5 mins)

Rapporteur: Whitney Campbell, DDE Secretariat

Closing session: 1700 – 1730

Prof. John Ludden, President, IUGS

Summary of main outcomes of the technical sessions and suggestions for future UNESCO, IUGS, DDE collaboration.

Contact

For all the information and enquiries, please contact secretariat@ddeworld.org.