



Special Session of the UN Science-Policy-Business Forum on the Environment
Hosted by the French National Centre for Space Studies (CNES), Paris, 18-19 October 2018

Towards a Global Open Platform for Planetary Data Powered by Frontier Technologies

In cooperation with the French National Research Institute for Sustainable Development (IRD) and the French Alliance for Environmental Research (AllEnvi)

PROVISIONAL AGENDA

DAY ONE: THURSDAY, 18 OCTOBER 2018

OPENING SESSION

08:30 – 09:30	Registration – Coffee
9:30 – 9:40	Opening Remarks by Erik Solheim, UN Under-Secretary General and Executive Director of UN Environment
09:40 – 09:50	Address by Frédérique Vidal, Minister of Higher Education, Research and Innovation, France
09:50 – 10:00	Address by Brune Poirson, Secretary of State to the Minister of Ecological and Inclusive Transition
10:00 – 10:10	Address by Ado Lohmus, Special Envoy of the President of the UN Environment Assembly
10:10 – 10:20	Welcoming Remarks by Jian Liu, Chief Scientist, UN Environment

PART ONE

EARTH OBSERVATIONS AND PLANETARY DATA: WHERE WE ARE AND WHERE WE WANT TO BE

10:20 – 10:40	Setting the Stage David Jensen, Head, MapX, UN Environment Laurent Durieux, IA, Big Earth Data, IRD
10:40 – 11:00	Earth Observations: Access, Equity and Enabling Conditions Gilberto Camara, Director, the Group on Earth Observations
11:00 – 11:20	How will the Earth Observations Market Evolve with the Rise of AI? Maurice Borgeaud, Head of Earth Observations, European Space Agency
11:20 – 11:40	China’s New Technological Frontiers in Planetary Data Management Jie Liu, Director, International Affairs, Institute of Remote Sensing and Digital Earth, China
11:40 – 12:00	The UN World Environment Situation Room Alexandre Caldas, Chief, Technology and Innovation, UN Environment
12:00 – 12:20	Earth Observations: The role of Citizen Science Anne Bowser Director of Innovation, the Wilson Centre
12:20 – 12:40	Observing Climate Change and its Impacts – Creating the Model Project Dr. Selma Cherchali, Programme Director, Space Climate Observatory
12:40 – 13:00	Conclusions and Recommendations
13:00 – 14:30	Lunch Break

PART TWO

NEW FRONTIERS IN TECHNOLOGY AND INFRASTRUCTURE

14:30 – 14:50	AI for Humanity Cédric Villani
14:50 – 15:10	AI: Value Alignment and Moral Meta-reasoning Stuart Russel, Professor of Computer Science, University of California, Berkeley
15:10 – 15:30	New Frontiers in Data Management and Access IBM
15:30 – 15:50	How Frontier Technologies Power Open Planetary Data Systems – Private Sector Perspective Andrew Zolli, Planet.com

15:50 – 16:00	Coffee Break
16:00 – 16:20	Exploring New Frontiers for Humanity and the Planet Cyrus Hodes, Advisor to UAE Minister of Artificial Intelligence, Host, UN World Data Forum
16:20 – 17:20	What the Startups are up to Shutong Jinag, CEO, Sorability, China Geoffrey Hay, CFO, My Heat
17:20 – 18:00	Conclusions and Recommendations

DAY TWO: FRIDAY, 19 OCTOBER 2018

PART THREE

Ethics, Governance and Transparency

09:00 – 09:30	Morning Coffee
09:30 – 09:50	AI, Ethics and Transparency Nicolas Mialhe, President, The Future Society Jean-Pierre Ganascia, President, National Centre for Scientific Research, France

PART FOUR

TRACKING PRIVATE SECTOR SUSTAINABILITY LEADERSHIP

9:50 – 10:10	Tracking Private Sector Climate Leadership using Earth Observation Systems Timothy Nixon, Chief Sustainability and Thought Leadership, Thomson Reuters
10:10 – 11:00	Role of the Private Sector to Drive Innovation in Data, Analytics and AI Harry Verhaar, Global Head of Global Public and Government Affairs, Signify / Bill Bien, Global Head of Strategy, Signify Giovanna Chiara, Senior Engineer, General Electric Carlo Papa, Director of the ENEL Foundation
11:00 – 11:30	Conclusions and Recommendations

PART FOUR

THE EVOLUTION OF NEW BUSINESS AND FINANCING MODELS

11:30 – 13:00	AI, Technology and Investment: Innovative Business Models <ul style="list-style-type: none">- Maria Luciana Axent, AI Specialist / Technology and Investment, Price Waterhouse Cooper (PWC)- Weichenberger Jurgen, Lead Data Scientist, Accenture- Conclusions and Recommendations
13:00 – 14:30	Lunch Break

PART FIVE

CHARTING A WAY FORWARD

14:30 – 15:30	Moderated Discussion
15:30 – 16:30	Review and Adoption of Recommendations
16:30 -16:45	Closing