−**CEO: Certificate in Earth Observation for End-Users**−
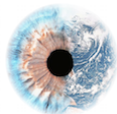
Prof. Emmanuel Zenou
ISAE-SUPAERO, Toulouse, France

− 4 Week Certificate in April −

Outline

Motivations & Objectives :

- Increasing needs of expertise in the fields of Earth Observation for local applications
- To deliver knowledge on Earth Observation
- To deliver knowledge on downstream applications
- to mix people of the target

4 weeks, 4 Issues :

- Week 1 : EO-related Observation Systems
- Week 2 : Scientific, Environnemental & Social Issues
- Week 3 : Business & Services
- Week 4 : Law, Intelligence & International Issues

Target : *NGOs*, *EndUsers*, *Scientists*, *International Agencies*, *Politics*, *Managers*, *etc*.

- Introduction to Earth Observation Systems
- Satellite System, Payloads & Sensors
- Mission Analysis & Image Quality
- Ground Station, Clouds & Data
- Image Processing & Data Analysis
- *etc.*

- EO & COP on Climate Change
- Earth Science : Climatology & Glaciology, Oceanography, Forests & Vegetations, Hydrology & Water Cycle, Atmosphere & Meteorology. . .
- Sustainable Development, Natural Disasters, Humanitarian Issues. . .
- *etc.*

- Business in EO
- Geographical Information Systems
- New Space & Newcomers
- Applications : Forest Management, Agriculture, Oil, Gas & Mining, Coastal Issues, Civil Surveillance. . .
- Focus on Copernicus Program
- EO in Economy, Finance & Insurance
- EO for Local Authorities
- *etc.*
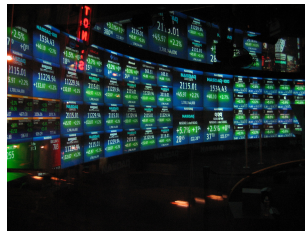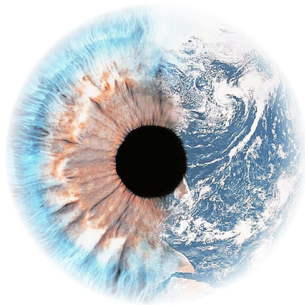
- Geo-Intelligence
- International & Strategic Issues
- EO & Political Issues
- National Space Policies
- Legal Issues in Earth Observation
- *etc.*

cEOA Contacts & Information

For more information

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