

# Conversations with Academia

## Big Data for Big Challenges: The Swiss Data Cube for Environmental Monitoring

### When?



Thursday 8 October 2020  
12.30 p.m. - 1.30 p.m.

### Where?



This is an online MS Teams Live Event.

### Why?



1. Understand how Earth Observations (EO) acquired by satellites can be used for environmental monitoring.
2. Explore the potential and challenges of EO data to drive progresses against key national and international development agendas like the Sustainable Development Goals.

### Programme:

The University of Geneva (UNIGE) and the United Nations Office at Geneva invite you to the 6th session of the Conversations with Academia series.

The rapid changes in our environment and the emergence of big data call for innovative solutions to support the policy frameworks and related actions toward sustainable development. To address these changes, the University of Zurich and the University of Geneva have joined forces with the UNEP/GRID — Geneva and the Swiss Federal Institute for Forest, Snow and Landscape Research (WSL) to unleash the power of Big Data for monitoring the Environment with a new technology: the Swiss Data Cube (SDC).

The SDC represents a new technology, revolutionizing the way users can interact with complex data originating from many different sources such as satellite imagery.

This event is co-created with the Knowledge & Learning Commons at UN Geneva.

### Speakers:



#### **Dr. Gregory Giuliani**

Senior Lecturer, University of Geneva, Head of the Digital Earth Unit, GRID-Geneva



#### **Professor Pascal Peduzzi**

Director, GRID-Geneva



#### **Dr. Claudia Rösli**

Senior Lecturer, University of Zurich, Head of EO Application Services, Remote Sensing Laboratories