



Extractive Industries and Sustainable Development **EXECUTIVE TRAINING PROGRAM**

Mega investments in the extractive industries (oil, gas and mining) have the potential to be a springboard to development, stimulating growth in other sectors, but have often instead been a source of corruption, social degradation, and environmental catastrophe. Specifically, in order to leverage natural resources for development, countries face several challenges, including developing a robust legal and fiscal framework; revenue forecasting, management and allocation; development planning and implementation; infrastructure design and regulation; supply chain development; vocational training; and environmental protection.

To address these challenges, the **Vale Columbia Center on Sustainable International Investment (VCC)** and the **Center on Globalization and Sustainable Development (CGSD)** have designed an interdisciplinary executive level training course for public sector officials from resource-rich developing countries, whose responsibilities relate to the development or management of the extractive industries sector, as well as for representatives of local civil society organizations and other interested parties.

PROGRAM

The two-week course will cover cross-cutting themes such as the economics and geopolitics of the extractive industries, legal and fiscal frameworks, leveraging investments through industrial policies and infrastructure development, revenue management and planning, local community development and environmental protection, including planning for and managing the impact of climate change. The course will help to build the skills necessary to support the responsible development of these countries' extractive industries sector, and facilitate knowledge sharing across the different government departments and ministries involved in the sector, as well as among the different countries represented at the course. The executive training will primarily draw from faculty of the Earth Institute, led by Prof. Jeffrey Sachs. Other industry experts may teach specific topics related to their expertise. For more details about the program, please contact us at vcc@law.columbia.edu.

TOPICS

Module 1: a) Economics and geopolitics of natural resource development from government and investor perspectives; c) Legal and fiscal frameworks for extractive industries; b) Leveraging Investment for development; and c) Long term planning & revenue management

Module 2: a) Designing and implementing a public investment program; b) the economics of development, c) Integrated sustainable development at the local level; and e) Environmental management and protection.

SELECT FEATURED FACULTY

- **Kye Baroang:** Specialist in Climate Change Adaptation, CGSD
- **Glenn Denning:** Director, Center on Globalization and Sustainable Development
- **Antoine Heuty:** Deputy Director, Revenue Watch Institute
- **Gordon McCord:** Director, Economic Development Policy, CGSD; Professor of Economics, University of California at San Diego
- **Antonio Pedro:** Director, Sub-regional Office for Eastern Africa, United Nations Economic Commission for Africa
- **Lisa Sachs:** Director, Vale Columbia Center on Sustainable international Investment (VCC)
- **Jeffrey Sachs:** Director, Earth Institute, Columbia University
- **Perrine Toledano:** Lead Economics & Policy Researcher, VCC
- **Louis Wells:** Herbert F. Johnson Professor Emeritus, Harvard Business School

DATE, COURSE FEE, AND APPLICATION

This year's program will take place at Columbia University on **June 10 to 21, 2013**. The attendance fee (\$4,750) covers housing at Columbia University, breakfast, lunch and refreshments during teaching days and medical insurance. Travel is not included. Participants who complete the program will receive a Statement of Attendance from the VCC and CGSD. Some scholarships are available to strong applicants on a needs basis.

To apply, please submit your resume and [application to vcc@law.columbia.edu](mailto:vcc@law.columbia.edu) by April 5th, 2013.

Application requirements:

- Resume
- Application page
- Participants must be able to read and communicate in spoken English.
- Funding requirements: Participants are strongly encouraged to seek their own funding; however, a few scholarships are available. Please indicate the level of funding that you need.

If you have any questions about this program, please contact us at vcc@law.columbia.edu.