

ONE WEEK PROGRAMME IN BIO-HABITABILITY*

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This is for executives in business, government, and non-profit organisations, but a similar program could be directed toward primary and secondary school educators. The programme is designed to draw from the existing audience that has an interest in the environment and those that must understand it, such as Exxon executives.

Program should be profitable with the net yield from the activity used to support bios.

Curriculum. Lectures and cases studies of specific problems:

Lectures: Basic introduction to key topics

1. the evolution and quality of biological systems
2. physical and chemical systems and role in environmental problems
3. economics as a guide to regulation and public policy in the use of the natural world
4. other social issues, cultural and artistic values and new linkage to the environment, the key role of population in environmental problems
5. politics of environmental problemsöthe general public concern, the Greens in Europe, the environmental lobby in the U.S., etc.

Case Studies:

1. Specialist problems defined either geographically or in terms of particular limited events, such as in oil spills.

Examples of limited events include:

- a. the African drought
 - b. local land use basins
 - c. hydroelectric power and the problems of multi-purpose profits such as the Aswan Dam, etc.
 - d. urban crew
2. Social/global problemsöglobal warming, acid rain, etc.

Examples of global issues include:

- a. a)global warmingöa review of a classic problem of drawing conclusions based on inadequate evidenceöthe problem of measurement public response to these conclusions etc.
- b. b)sea level rise
- c. c)acid rain
- d. d)ozone

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Professor **Giulio Pontecorvo** teaches Economics at the Graduate School of Business, Columbia University. He has served on the Department of State Advisory Committee on the Law of the Sea, several National Academy of Science committees and the Advisory Committee on

Economics for the Food and Agricultural Organisation. Currently, Professor Pontecorvo is Director of the Center for Business and Government Studies, which includes the Center for Food Policy Studies and the Center for International Business Cycle Research, at Columbia University. He is chairman of the Senior Advisory Committee for the Program in Marine Affairs at Woods Hole Oceanographic Institution, and serves on the Executive Board of the Law of the Sea Institute, and the Advisory Committee of the Lamont-Doherty Geological Observatory. He has published widely on the economics of fisheries and marine resources.