

## Bio-Education - e-learning programme

B.I.O. places a wealth of educational material and resources online with its broad range of e-learning courses promoting pioneering dimensions in bio-education. The hope is to infuse new thinking in environmental education and to enrich the concepts of sustainable development.

The **14 e-learning courses** have been designed to provide a basic understanding of each topic from an environmental perspective. Each course module varies in length (5-9 weeks) and includes self-evaluation questions, quizzes and a final essay. We estimate that completion of a course would require from 20 to 50 hours, depending on the topic. Each enrollee will receive a certificate upon successful completion of the course. All courses are free of charge.

### The following courses are available:

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| ▶ <b>Bio-Architecture:</b> Environmental models in architecture, energy efficient buildings, environmentally responsible urban planning.                      |
| ▶ <b>Bio-Diplomacy:</b> International cooperation in environmental protection, the environment as a unifying factor for peace.                                |
| ▶ <b>Bio-Economics:</b> Environmental management, natural resource economics, international policy, EU environmental policy, corporate policy.                |
| ▶ <b>Bio-Energy:</b> Renewable energy sources, clean energy, models for energy savings, wind, solar, biomass, energy efficient buildings.                     |
| ▶ <b>Bio-Ethics:</b> Environmental protection as an ethical responsibility, codes of environmental ethics for every profession, the environment in bioethics. |
| ▶ <b>Bio-Health:</b> Environmental quality and public health, pollution threats to health, risks and benefits of biotechnology, quality of life.              |
| ▶ <b>Bio-History:</b> Environmental factors in the development of human civilisation, culture, historical sources, ancient texts.                             |
| ▶ <b>Bio-Legislation:</b> International and European Union environmental policy and legislation, international treaties, environmental action.                |
| ▶ <b>Bio-Assessment of Technology:</b> Tools and methods for pollution abatement, waste management  |

### Participants from the following 67 countries are enrolled in B.I.O.'s e-learning courses:



technologies, recycling.

**Waste Management:** Tools and methods of waste management and technologies, including recycling, composting, landfilling, and wastewater treatment.

**Bio-Tourism:** Environmentally friendly tourism industry, suggestions for cultural tourism, environmental hotel management, water conservation, recycling.

**Common Agricultural Policy:** A simplified text for non-experts who wish to become acquainted with the EU's Common Agricultural Policy (CAP).

**Food and Agriculture:** Agriculture and the environment, pollution loads, GMOs, water and soils, chemicals and biotechnology, environmental policy.

**People with a Disability in Modern Society:** Improving equity and quality of life for the disabled, accessibility, information, assistive technology, sports, Paralympic Games.



Nepal



The Netherlands



New Zealand



Nigeria



Pakistan



The Philippines



Poland



Portugal



Romania



Russia



Samoa



Serbia and Montenegro



South Africa



Spain



Sri Lanka



Sweden



Switzerland



Tajikistan



Tanzania



Trinidad and Tobago



Turkey



Uganda



U.K.



Uruguay



USA



Vanuatu



Zambia