Other Notices

One Planet, Many People: Atlas of Our Changing Environment

In celebration of World Environment Day on 3 June 2005 the United Nations Environment Programme (UNEP), in cooperation with NASA, the United States Geological Survey (USGS), and the University of Maryland launched *One Planet, Many People: Atlas of our Changing Environment*, a publication that provides visual evidence of environmental change using satellite images, graphics, and text. The focus is on the environmental status and trends over several decades, both in physical and human geography. The 332-page hardbound Atlas presents visual evidence of global environmental changes resulting from natural processes and human-induced activities. The Atlas demonstrates how our growing number of people and their consumption patterns are shrinking our natural resource base. The challenge is, how do we satisfy human needs without compromising the health of ecosystems? *One Planet, Many People* is an additional wake-up call to this need. Access the Atlas online at ‹www.na.unep.net›. Order your hard copy from ‹www.earthprint.com›.

Reader's Feedback

One Planet, Many People: Atlas of Our Changing Environment*, clearly illustrates that our ozonosphere has been threatened by human activities. It also shows that this problem has been practically solved due to the collaborative efforts of the different sectors of our society. We all need to work together to address the many other problems that affect the health of our planet. As illustrated in this atlas, we need integrated, interdisciplinary approaches to mitigate the adverse effects of human-induced activities on the environment.*

—Mario J. Molina
Institute Professor, Massachusetts Institute of Technology,
Co-Winner of the Nobel Prize in Chemistry for his work
in atmospheric chemistry, particularly concerning the
formation and decomposition of ozone.

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–Ola Ullsten
Co-Chair World Commission on Forests and
Sustainable Development
Former Prime Minister of Sweden

One Planet, Many People: Atlas of Our Changing Environment *shows us our home as it really is, not only where it is now but where it has been. It becomes quite evident that we have had a huge and largely negative effect on the rest of life of earth— the biodiversity with which our well-being is intricately tied both directly and indirectly. The atlas provides an indispensable guide for a better future for humanity through maintenance of the splendor and magnificence of biodiversity.*

—Thomas E. Lovejoy
President of H. John Heinz III Center for Science

Thanks for the book, I read it last night and find it both interesting and stimulating . . . .

—Jack Dangermond
President, ESRI, Redlands, California

So great, so wonderful, so outstanding, . . . This will be an asset for all people in the globe who care for the mother earth.

—Medini Bhandari
Founder (in 1985) of the Association for Protection of Environment and Culture (APEC-Nepal)

One Planet, Many People—*what an outstanding publication! Aesthetics, Science, and Message; this book has it all:*

1) First impression: interesting and beautiful pictures, intriguing maps and time sequences, and informative charts and graphs.

2) Next impression: a thorough documentation of the nature and extent of the many ways humans have impacted our planet.

3) Lasting impression: our planet is beautiful, fragile, to a limited degree self healing, but very dependent on our intelligent habitation for our well being and, eventually, our survival.

—Ed Gibson, former astronaut,
Senior Vice President with Science Applications International Corporation

Multivariate Analysis of Ecological Data Using CANOCO

17–28 January 2006, Ceske Budejovice, Czech Republic

This course introduces modern approaches to multivariate data analysis, with much time allocated to practicals, where participants do work with their own data.

In-depth lectures and practical exercises are provided for the following topics:

- Classical ordination methods (PCA, CA, DCA, PCO, NMDS)
- Constrained ordination methods (RA, CCA) including partial analyses and permutation tests of multivariate hypotheses
- Thorough explanation of how to interpret the contents of ordination diagrams.

In addition, we provide an overview of classification methods (cluster analysis, TWINSPAN), modern regression methods (GLM, GAM, CART), and experimental design.

Course lecturers have written a book published by the Cambridge University Press: Lepš, Jan and Petr Šmilauer. 2003. Multivariate Analysis of Ecological Data using CANOCO. Cambridge University Press, Cambridge, UK.

Additional details about the course can be found at the web page ‹http://regent.bf.jcu.cz› or contact the course manager, Petr Šmilauer:
E-mail: petrsm@jcu.cz.

Fellowship in Ecological Restoration to Be Awarded by the Garden Club of America

The Garden Club of America (GCA) announces a competition for a Fellowship in Ecological Restoration, which will be awarded to an exceptional graduate student to assist with study and research. The winning applicant will receive $8000 to support specialized study in ecological restoration at a leading accredited university in the United States. The University of Wisconsin-Madison Arboretum will administer the fellowship.

All applications will be reviewed by a selection panel of research scientists and approved by the GCA Scholarship Committee. Selection criteria will include the degree to which the proposed fellowship work addresses the objectives of the GCA, as well as the excellence of the student's academic and personal qualifications.

This past March, the GCA Scholarship Committee awarded scholarships, fellowships, awards and stipends totaling $162,000 to 55 recipients for 2005–2006 in the fields of conservation, environmental studies, horticulture, botany, and landscape architecture. The GCA, a national nonprofit organization comprising 196 clubs in 40 states and the District of Columbia, is a recognized national leader in the fields of horticulture, conservation, and civic improvement, and is headquartered in New York City. Since its founding in 1913, it has worked to restore, improve, and protect the quality of the environment through educational programs and action in the fields of conservation, preservation, and civic improvement.

For the purposes of this scholarship, "Ecological Restoration" is defined in accordance with the Society for Ecological Restoration (SER): "Ecological restoration is the process of assisting the recovery and management of ecological integrity. Ecological integrity includes a critical range of variability in biodiversity, ecological processes and structures, regional and historical context, and sustainable cultural practices."

Letters of application must be received by the selection committee by 14 January 2006. For guidelines and frequently asked questions, go to the GCA Web site at ‹http://www.gcamerica.org/scholarship/ecorestor.html›

Committee reviews will be completed early in March 2006 and the recipient will be notified, and the award made, by the GCA Scholarship Committee shortly thereafter. For further information, contact:

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