

The course will focus on recent advances in ecosystem accounting and the valuation of ecosystem services and their assets. Instructors come both from Academia and from Governmental Statistical Offices.

The 2010 Nagoya conference on the Convention on Biological Diversity agreed that nations will promote the reform of the system of national accounts to integrate in national accounting indicators the contribution of ecosystems services and their assets to income and wealth. This was ratified in Rio +20 in 2012. Following these recommendations, the European Commission urged in 2011 member countries to develop before 2020 experimental applications of integrated national ecosystem accounts and/or linked satellite ecosystem accounts.

The methodological work lead by the United Nations Statistical Division on ecosystem accounts has produced several publications that are the current guidelines for the applications developed throughout the world. The most relevant for this course is the System of Environmental Economic Accounting-Experimental Ecosystem Accounting (SEEA-EEA). The main applications to date of ecosystem accounting proposals are those of the Netherlands, the United Kingdom, Australia and, at regional scale, Andalusia (Spain). Applications to other European Union countries are ongoing within the framework of the "Knowledge innovation project on an integrated system of natural capital and ecosystem services accounting in the EU (KIP-INCA)" coordinated by the Statistical Office of the European Union.

The SEEA-EEA is an ongoing process, until the expected government regulation in 2020, and the course will discuss potential future developments of this system. The SEEA-EEA integrates bio-economic modeling of population dynamics of local, national and global biodiversity. The scientific knowledge of intra- and inter-ecosystem impacts for the stability of natural productivity at any scale is a key issue, along with the socio-ecological approach and the use of economic accounts for ecosystem management. The best alternative to integration commercial values with economic estimations of ecosystems services is an important issue to be settled. The positive and negative impacts of natural migration and human management at the national and supranational scales are also pending challenges. The course will also present the Spanish Statistical Office (INE) developments of environmental accounts under the current European Union Regulation.

This course is aimed at postgraduate students or undergraduates in their last year, researchers and managers interested in the sustainable management of the natural environment by integrating economic-environmental values of natural resources into national accounts.

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INFORMACIÓN GENERAL

→ **Hasta el 15 de junio de 2018**

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Horario
de 9.00 a 14.00 h
de 16.00 a 18.00 h (excepto viernes)

PLAZOS

→ **Plazo de solicitud de becas**
Hasta el día 28 de mayo, para los cursos que comiencen antes del 6 de julio de 2018

Hasta el día 15 de junio, para los cursos que comiencen a partir del día 9 de julio de 2018

→ **A partir del 18 de junio de 2018**

Santander
Palacio de la Magdalena
39005 Santander
Tel. 942 29 88 00 / 942 29 88 10
Fax 942 29 88 20

Horario
de 9.00 a 14.00 h
de 16.00 a 18.00 h (excepto viernes)

→ **Apertura de matrícula**
Desde el 8 de mayo de 2018
(Plazas limitadas)

→ Código 640Q | Tarifa: C | ECTS: 1

Portada: basada en el original de Hugo Fontela para la UIMP, 2018

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Santander 2018

Seminario

Del 30 de julio al 3 de agosto



Ecosystem accounting: recent experiences and future developments

Pablo Campos Palacín
Alejandro José Caparrós Gass

Organizado en colaboración con

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

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041-18-002-0

SEMINARIO**Ecosystem accounting: recent experiences and future developments****Dirección****Pablo Campos Palacín**

Profesor de Investigación

Instituto de Políticas y Bienes Públicos (IPP) del Consejo Superior de Investigaciones Científicas (CSIC), Madrid, España

Ex Presidente de la Asociación Hispano Portuguesa de Economía de los Recursos Naturales y Ambientales

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Secretaría**José Luis Oviedo Pro**

Científico Titular

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Del 30 de julio al 3 de agosto de 2018**Lunes 30 de julio****10.00 h | Opening session****Mapping and assessment for integrated ecosystem accounting in Australia****Alison Heather Keith**

Research Fellow

Fenner School of Environment and Society, ANU College of Science
Australian National University, Canberra, Australia**12.00 h | Ecosystem services and assets global threats. Application to invasive species environmental damage****Julia Touza**

Senior lecturer

Environment Department

University of York, York, England

15.30 h | Round table**Towards the integration of ecosystem accounting in a revised system of national accounts****Alison Heather Keith****Julia Touza****José Luis Oviedo Pro****Alejandro José Caparrós Gass****Moderación****Pablo Campos****Martes 31 de julio****09.30 h | Spanish developments of environmental accounts****Antonio Martínez**

Subdirector General de Estadísticas del Medioambiente, Agrarias y Financieras del Instituto Nacional de Estadísticas

11.30 h | Refining concepts and methods for measuring ecosystem environmental incomes**Pablo Campos****15.30 h | Round table****Market and non-market valuation put into practice: challenges for its application to extended national accounting****Pablo Campos****Alejandro José Caparrós Gass****Antonio Martínez****Moderación****José Luis Oviedo****Miércoles 1 de agosto****09.30 h | Wealth Ecosystem services in socio-ecological systems: the case of California Mediterranean rangelands****Lynn Huntsinger**

Full Professor

Department of Environmental Science, Policy and Management

College of Natural Resources, UC Berkeley, Berkeley, California, United States

11.30 h | Knowledge Innovation project on an integrated system of natural capital and ecosystem services accounting (KIP-INCA)**Arturo de la Fuente**

Deputy Head of unit Eurostat E2 environmental statistics and accounts and sustainable development, Luxembourg

15.30 h | Round table**Policy use: do we need ecosystem accounting?****Lynn Huntsinger****Arturo de la Fuente****Pablo Campos****Moderación****Alejandro José Caparrós Gass****Jueves 2 de agosto****09.30 h | Simulated exchange values and spatial accounting****Alejandro José Caparrós Gass****11.30 h | Ecosystem non-market private amenity valuation****José Luis Oviedo Pro****15.30 h | State of scientific knowledge of Spanish dehesas economic ecosystem services and their assets****Pablo Campos Palacín****Viernes 3 de agosto****09.30 h | Ecosystem water yield: application to Andalusian forests****Santiago Beguería**

Científico Titular de la Estación Experimental del Aula Dei (EEAD)

del Consejo Superior de Investigaciones Científicas (CSIC), Zaragoza, España

11.30 h | Forest threatened biodiversity index**Mario Díaz**

Científico Titular del Museo Nacional de Ciencias Naturales del Consejo Superior de Investigaciones Científicas (CSIC), Madrid, España

13.30 h | Closing session