

Advanced Course
VALUATION OF ECOSYSTEM SERVICES
Zaragoza (Spain), 9-13 May 2022

PROGRAMME

- 1. Why do we need valuation of nature? (2 hours)** (S. Jacobs, E. Kelemen)
 - 1.1. Nature degradation and its impact in human well being
 - 1.2. Failures in decision making
 - 1.3. The potential of valuation: advantages and limits
 - 1.4. Existing policy assessment frameworks
- 2. The context of valuation (3 hours)**
 - 2.1. The goals of valuation (2.1 to 2.3: 1 h) (M. Schaafsma)
 - 2.2. Scale challenges (M. Schaafsma)
 - 2.3. Decision making processes and governance (M. Schaafsma)
 - 2.4. Social context of valuation (1 h) (I. Iniesta)
 - 2.5. Discussion (1 h) (M. Schaafsma, I. Iniesta, S. Jacobs, E. Kelemen, M. Lago, F. Santos)
- 3. Values of nature (4 hours)**
 - 3.1. Value definitions and typology. Different types of value held by different people (1 h) (S. Jacobs)
 - 3.2. Broadening the picture
 - 3.2.1. Ecosystem services approach (concepts, supply and demand, cascade and coproduction, typology) (1.5 h) (F. Santos, I. Iniesta)
 - 3.2.2. Nature's Contribution to People and other advancements (0.5 h) (S. Jacobs, E. Kelemen)
 - 3.3. Discussion (1 h**shared with discussions of group work sessions 2 and 3) (S. Jacobs, F. Santos, I. Iniesta, E. Kelemen, M. Lago, M. Schaafsma, D. Barton)
- 4. Valuation as a process (9 hours)**
 - 4.1. Purpose of the valuation (1 h) (D. Barton)
 - 4.2. Overview of major valuation method families
 - 4.2.1. Biophysical (1 h) (F. Santos)
 - 4.2.2. Sociocultural (1 h) (I. Iniesta)
 - 4.2.3. Economic (1 h) (M. Lago, M. Schaafsma)
 - 4.2.4. Integrated approaches (1 h) (S. Jacobs)
 - 4.3. Practical work: role game to integrate or bridge-across different values using various valuation methods (3 h) (E. Kelemen, M. Lago, M. Schaafsma)
 - 4.4. Choosing the right methods according to different purposes and contexts (1 h) (S. Jacobs)
- 5. Valuation and policy instruments (5 hours)**
 - 5.1. Introduction: different types of instruments and scales (1 h) (E. Kelemen)
 - 5.2. Examples of application
 - 5.2.1. Biodiversity conservation and the legal context for protection (1 h) (M. Schaafsma)
 - 5.2.2. Payment for ecosystem services (1 h) (S. Wunder)
 - 5.2.3. Conservation of traditional practices (1 h) (I. Iniesta)
 - 5.2.4. Valuation for Natural Capital and Ecosystem Accounting (1 h) (D. Barton)
- 6. Practical group work based on case studies (11 hours) (*)**
 - 6.1. Introduction to the group work (1 h)
 - 6.2. Work sessions
 - 6.2.1. Work session 1: Case study analysis and identification of challenges (1 h)
 - 6.2.2. Work session 2: Setting the context of valuation (1 h)
 - 6.2.3. Work session 3: Identification of ecosystem services, values and conflicts (1 h)
 - 6.2.4. Work session 4: Choice of suitable valuation methods (1 h)

6.2.5. Work session 5: Decision making processes and applicable policy instruments (1 h)

6.3. Presentation of results and discussion of each work session (5 h, 1 h shared with discussions on the context of valuation)

7. Closing remarks and lessons learned (1 hour)

(*) TUTORIALS GROUP WORK

Global coordination: M. Schaafsma

Session 1 - S. Jacobs, E. Kelemen, I. Iniesta, M. Lago, F. Santos, M. Schaafsma

Session 2 - M. Schaafsma, I. Iniesta, S. Jacobs, E. Kelemen, M. Lago, F. Santos

Session 3 - S. Jacobs, F. Santos, I. Iniesta, E. Kelemen, M. Lago, M. Schaafsma

Session 4 - D. Barton, F. Santos, I. Iniesta, M. Lago, M. Schaafsma, S. Jacobs, E. Kelemen

Session 5 - E. Kelemen, M. Schaafsma, S. Wunder, I. Iniesta, D. Barton, S. Jacobs, M. Lago, F. Santos