



CALL FOR APPLICANTS FOR “*QUANTIFICATION AND VALUATION OF MARINE AND COASTAL ECOSYSTEM SERVICES*” TRAINING WORKSHOP

ERACOMA, in collaboration with the South Eastern Kenya University, Machakos University, the University of Nairobi, Kenya Wildlife Services, Cambridge University (UK) and University of Algarve (Portugal) are organizing a Regional Training Workshop on “**Quantification and Valuation of Marine and Coastal Ecosystem Services**”, that will be held in Mombasa, Kenya from **27th May 2019 to 1st June 2019**. The training course is sponsored by WIOMSA, through its Marine and Coastal Science for Management (MASMA) Programme.

This training aims to equip coastal and marine resource managers, technical officers and practitioners in the WIO region with requisite knowledge and skills to quantify and value ecosystem services at their priority sites. It will also help the coastal and marine resource managers, technical officers and practitioners understand who gains and who loses from management decisions as flows of ecosystem services change by looking at all values of the environment– both market and non-market.

Course outline and methodology

Teaching will be delivered through interactive talks, case studies, practicum, discussions and a field trip. Case studies will be particularly important means of illustrating real-life examples of measuring ecosystem services and the results that are generated, as well as how these results have can be used to inform decision making processes

Day 1: Concepts of ecosystem services: Introduction and discussion of coastal and marine ecosystems and their services, categories and classifications; What we mean by well-being particularly within the context of ecosystem services (drawing on ESPA outputs, among others); introduction to the DPSIR framework (drivers, pressures, threats and state of coastal and marine ecosystems);

Day 2: Current frameworks used for ES and their valuation: Introduction and discussion to current frameworks used for ES valuation; exploring how to incorporate the natural capital framework (distinguishing between stocks and flows); valuing and managing multiple services and exploring trade-offs; tipping points with examples from the marine and coastal ecosystems

Day 3: How to value ecosystem services – different kinds of values and tools: Explaining the underlying economic concepts behind ES valuation; Ecosystem valuation tools and approaches (market and non-market); pros- and cons of monetising ecosystem services; non linearities and risks.

Overview of valuation tools; Toolkit for Ecosystem Service Site-Based Assessment (TESSA) - site based assessments and community engagement;





Day 4: ES and policy: case studies from Mida Creek and Tana Delta in Kenya, and Niger delta in Nigeria and will be used for illustration

Day 5 & 6: Field work and results: Application of TESSA approaches to valuation of ecosystem services. Presentation and feedback on results. Final discussion on the way forward for translating research into practice.

Eligibility

The workshop is open to early or mid-career coastal and marine resource managers, technical officers and practitioners from the WIO region who have between one- and five-years' working experience in their fields. In addition, participants should have knowledge of natural and social sciences, should demonstrate a desire for ecosystem services valuation and **MUST** be available to complete ALL days of the training

Financial support will be provided to the selected participants.

If you would like to apply for this training workshop, please submit a completed form (see attached) at the latest on 15th March 2019 via email to **Margaret Owuor** and **Cornelius Okello** (eracom.consultants@gmail.com), with a copy to WIOMSA (secretary@wiomsa.org).

Please note: we recommend that you submit your application as soon as possible, as the selection process will start before the deadline, for logistical reasons.

