

TRASMARES: MOOC 3 - NATURE BASED SOLUTIONS AS PROACTIVE APPROACHES TO CONSERVATION

ACTIVITY	YOUTUBE URL
MODULE 0. Introduction to the course	
Presentation of the course	https://youtu.be/4fV8GTjNvQo
MODULE 1. Introduction to Sustainable Management of Marine Ecosystems and Resources	
1.1. Introduction to module 1	https://youtu.be/CHn0iBKl6Ww
1.3. Introduction to conservation ecology	https://youtu.be/iP7MxgAACfw
1.5. Defining nature based solutions	https://youtu.be/advkLdwtrTo
1.6. The IUCN NBS conceptual framework	https://youtu.be/QYkQXWGiFdw
1.7. History and diversification of Nature-based approaches in the sea	https://youtu.be/netA48zN-Zk
1.8. INTERVIEW: Nature based solutions and climate change (looking into the future)	https://youtu.be/vPnnlIEFYkU
1.9. INTERVIEW: The values and limits of NBS	https://youtu.be/_gxSHIAAPb4
MODULE 2. From Species to ecosystem conservation	
2.1. Introduction to module 2	https://youtu.be/eALIXyV1SKY
2.2. General concepts in species conservation	https://youtu.be/MHBHmwhwFTA
2.3. Global classification of species conservation status: IUCN Red List	https://youtu.be/-X7dqYQODZk
2.4. Interview: Case study: Shark Med	https://youtu.be/ugoImzrXyHl
2.5. General concepts in habitat conservation	https://youtu.be/rpMu2hxz4mM
2.6. Introduction to EU Habitats Directive	https://youtu.be/ADNwJu2oi0k
2.7. Management Plans for the Natura 2000 Network	https://youtu.be/WnVPxPhQiqI
2.8. Interview: The RAMSAR example	https://youtu.be/APsZwfYnr9c
2.9. Introduction to ecosystem conservation: from species to processes	https://youtu.be/eXaUe6W8Ht8
2.10. Trophic interactions for ecosystem management	https://youtu.be/fnmeMRv02r0
2.11. Marine Protected Areas	https://youtu.be/dgOBACoATL4
2.12. Locally managed MPA: Apo Island coral reefs case study	https://youtu.be/tdLHrSghJ8M
2.13. Global networks: Ecologically or Biologically Significant Marine Areas EBSAs (CBD)	https://youtu.be/N7B5EuSDBJM
MODULE 3. Habitat restoration and its value as NbS	
3.0 Introduction to Module 3	https://youtu.be/Lyzh0rokyWc
3.1.2. Introduction to Habitat Restoration & hybrid solutions (including touching on values and capability to address societal challenges)	https://youtu.be/rFD7hTi7_G8
3.3. Interview: Seattle waterfront regeneration	https://youtu.be/FMgLKHI-RUE
3.4. The Sydney Harbour Project	https://www.youtube.com/watch?v=CA056FuQIOI
3.5. The Billion Oyster project	https://www.youtube.com/watch?v=kHxvYpc8IAA
3.6. The Dutch sand engine	https://www.youtube.com/watch?v=K-0cnX5feFY
3.7. Virginia seagrass restoration	https://www.youtube.com/watch?v=MColdNXGPfE
3.9. Venice lagoon saltmarsh restoration	https://youtu.be/zK4gvKwzKiA
3.10. Interview: The US Living shoreline concept	https://youtu.be/00XJUsvn-u4
3.12 Case study: Coral reef restoration: Grenada	https://tnc.app.box.com/s/nj2c7xii9pk2298wht0uwb2fwk3
3.13. Oyambre Resoration Project	https://youtu.be/Thq-Y_aJ91c
MODULE 4. Greening of man-made structure to support nature in the urban ocean	
4.1. Introduction to module 4	https://youtu.be/3EIRJltsjo8
4.2. Concept of "novel" ecosystem and potential values	https://youtu.be/HainJgtpKdw
4.3. Introduction to Greening Gray Infrastructure & Multifunctional concept design	https://youtu.be/rj8ltD2y5vl
4.4. Artificial reefs	https://youtu.be/FXeU1tc4MAk
4.5. Interview: 3D Printing of artificial reefs (3DPARE) (with Elena Blanco from the University of Cantabria)	https://youtu.be/I9wAWMDmD7I
4.7. Energy efficiency in ocean buildings and the Green Port Experience	https://youtu.be/xbmcrcjFRbjg
4.8. Interview: Innovative solutions	https://youtu.be/IEGT2FcbFSA
4.9. Interview: Sydney living seawalls	https://www.youtube.com/watch?v=CA056FuQIOI
4.10. Interview: The role of water retaining features and habitat heterogeneity	https://youtu.be/fBLPzShsxHM
4.11. Biosecure hard structures	https://youtu.be/Myxhzsm68-A
MODULE 5. Incentivizing, financing and governing nature-based solutions	
5.1. Introduction to module 5	https://youtu.be/fVdYOGt2cBg
5.2. Funding and investments in NbS and the insurance value of ecosystems	https://youtu.be/0H3W8ruc6eI
5.4. Sustainable innovation in industry: the Cluster Greentech experience	https://youtu.be/aPfiL6l8MvY
5.5. The importance of Involving local communities and stakeholders	https://youtu.be/uA7nkeRoecU
5.6. Participatory approaches in conservation	https://youtu.be/8brQOgyR3z8
5.7. Case example: Local community involvement from the Northern Adriatic	https://youtu.be/4fivxDHbSGE
5.8. Interview: Institutional, regulatory and governance challenges: the Smart specialization strategy 2021-2027 of the Emilia Romagna reg	https://youtu.be/U8GcKv3xOjk
5.10. Interview: The importance of global efforts and visions: world Harbour Project	https://youtu.be/6U32Zr9Ux8A