TRASMARES

Cofinanciado por el programa Erasmus+ de la Unión Europea

TRASMARES: MOOC 2 - HUMAN ACTIVITIES AND VULNERABILITY OF MARINE ECOSYSTEMS

ACTIVITY	YOUTUBE URL
MODULE 0. Introduction to the course	
Presentation of the course:	https://youtu.be/DDxbuw3HfcE
MODULE 1. Introduction to DPSIR framework	
1.1. Introduction to module 1	https://youtu.be/O5b6JPEAnOQ
1.2. DPSIR conceptual diagram and framework	https://youtu.be/uML7GhMvQRQ
1.3. Driving forces (and related human activities)	https://youtu.be/Uh9zmuszQgc
1.4. Pressures	https://youtu.be/UxrfwAo_-x0
1.5. State changes (on natural systems)	https://youtu.be/_-2rK1mDgVM
1.6. Impact (on Human Welfare)	https://youtu.be/w8BbA_XTUVY
1.7. Response (by Measures)	https://youtu.be/ebK7N4nkBDY
1.8. Evolution of DPSIR framework and requirement for application to marine ecosystems	https://youtu.be/_t-HzdkSuE8
MODULE 2. Driving forces	
2.1. Introduction to module 2	https://youtu.be/Gs-Siut2b54
2.2. Introduction to the human impact on coastal ecosystems	www.weforum.org/videos/why-the-human-impact-on-coastline-ecosystems-
2.3. Basic needs	https://youtu.be/Q7Tus9QfsGg
2.4. From Drivers to linked activities; EU framework and concept	https://youtu.be/dvE9RrLczxY
2.6. Demand for ocean space	https://youtu.be/BN4Je1K_e3g
2.7. Interview: Extraction of resources (human activity) (with Marta López from Gobierno de Cantabria)	https://youtu.be/e1-EIpy6Zws
2.8. Interview: Production of renewable energy (human activity) Tomás Romagosa	https://youtu.be/tuDqkzjpQCk
2.9. Interview: Maritime transport (human activity)	https://youtu.be/Cq-OEl_VOL8
2.10. **Interview:** Tourism and leisure (human activity)	https://youtu.be/k-PsTne-VKU
MODULE 3. Pressures	
3.1. Pressure concept, intensity and diversity	https://youtu.be/tnkTee0uyOA
3.2. Multiple pressures in the marine and coastal zone	https://youtu.be/kBBvqiYvEBw
3.3. Coastal armouring and sprawl of marine infrastructure	https://youtu.be/yVka23pPCyM
3.4. Seabed abrasion, biomass removal and habitat loss	https://youtu.be/DaJHb3yAbw4
3.5. Underwater noise	https://youtu.be/PHgpjNn82jE
3.6. Barriers to species movement	https://youtu.be/zg-5aqaEFIA
3.7. Pollution and emergent contamination	https://youtu.be/rFp99ZYzkhE
3.8. Introduction of non-indigenous species and translocations	https://youtu.be/RHl-hDhgCbQ
MODULE 4. State changes	
4.1. Introduction to module 4	https://youtu.be/pyghbtFW1kQ
4.2. Resilience and stability perspectives	https://youtu.be/Dd3Mw3RgaD8
4.3. Changes on ecosystem abiotic and biotic components	https://youtu.be/06Xg98_G4TA
4.4. Changes on large scale environmental conditions	https://youtu.be/bE_fM-ZO3Mw
4.5. Assessment of the environmental state	https://youtu.be/PrL7i6MLiCw
4.6. Effects of cummulative pressures (Dose-response interaction)	https://youtu.be/ULh6o1lAfXs
MODULE 5. Impacts (on societal Welfare)	
5.1. Introduction to module 5	https://youtu.be/-s0tI5TOuOQ
5.2. Impacts (on societal Welfare) concept, positive and negative consequences	https://youtu.be/rbFh0vVVhcg
5.3. Environmental indicators	https://youtu.be/hQZqBA2Mvvg
5.4. Societal indicators	https://youtu.be/8p4DzfJ1bZk
5.5. Economic indicators	https://youtu.be/uEN7LnKqceA
MODULE 6. Response by Measures	
6.1. Introduction to module 6	https://youtu.be/KBzrvqjCd6E
6.2. Marine ecosystems sustainability: ecosystem-based approach	https://youtu.be/rgRBeyLPHYQ
6.3. DPSIR conceptual model of SALTMARSH ecosystems	https://youtu.be/C3OPPE1C4lw
6.4. DPSIR conceptual model of SEAGRASS ecosystems	https://youtu.be/iI0iph3D9JA
6.5. DPSIR conceptual model of SAND DUNES ecosystems	https://youtu.be/e8PnYiYDJDA
6.6. DPSIR conceptual model of ROCKY SHORES ecosystems	https://youtu.be/zES1wHz1JRE
6.7. DPSIR conceptual model of MANGROVES ecosystems	https://youtu.be/6KZVraJkRxU
6.8. DPSIR conceptual model of CORAL REEFS ecosystems	https://www.youtube.com/watch?v=aAoapsP1x8w&t=3s
6.9. Case study - The Mondego estuary	https://youtu.be/ySXhruSW9QA
TOTAL VIDEOS MOOC 2:	**46**