

Topic	Description
Introduction to Nature-Based Solutions (NbS)	- Definition and principles of NbS: approaches using natural systems to address environmental and societal challenges.
	- Importance: role in mitigating climate change impacts, enhancing resilience, and preserving biodiversity.
	- Overview of Pacific island ecosystems: coral reefs, mangroves, seagrass beds, tropical rainforests.
Climate Change and Environmental Challenges	- Impacts: effects on sea level rise, storm intensity, and ocean acidification.
	- Vulnerability and resilience: specific risks and adaptation strategies for Pacific island communities and ecosystems.
	- Case studies: real-world examples of climate impacts on Pacific islands.
NbS for Coastal and Marine Environments	- Mangroves: benefits in storm surge attenuation and carbon sequestration.
	- Coral reefs: methods for conservation and restoration.
	- Seagrass beds: roles in coastal protection and nutrient cycling.
NbS for Terrestrial Environments	- Forests: strategies for reforestation and sustainable management.
	- Water management: sustainable practices for irrigation and watershed management.
	- Wetlands: approaches for restoration and management of freshwater ecosystems.
NbS for Terrestrial Environments 2	- Agroforestry: practices for integrating trees and agriculture.
	- Soil health: conservation practices to enhance soil fertility and reduce erosion.
NbS for Infrastructure Resilience	- Green infrastructure: design and implementation for flood management, urban cooling, and infrastructure longevity.
	- Nature-based solutions in urban planning: integrating green spaces and sustainable design.
	- Coastal infrastructure: natural buffers and adaptive measures to enhance resilience.
Integrated Management Approaches	- Ecosystem-based management: holistic approach to managing ecosystems and their services.
	- Coastal zone and watershed management: strategies for integrated planning and resource use.
	- Community-based and participatory approaches: involving local communities in decision-making and management.
Socioeconomic Benefits of NbS	- Economic valuation: methods for assessing the value of ecosystem services.

	<ul style="list-style-type: none"> - Food security and livelihoods: enhancing agricultural productivity and community resilience. - Health and cultural benefits: contributions of natural environments to well-being and cultural heritage.
Policy and Governance Frameworks	- National and regional policies: legislation and strategies supporting NbS.
	- International agreements: frameworks such as CBD (Convention on Biological Diversity) and UNFCCC (United Nations Framework Convention on Climate Change).
	- Local governance and traditional knowledge: incorporating indigenous practices and local expertise in NbS planning and implementation.
Case Studies and Best Practices	- Successful projects: examples of effective NbS implementations in the Pacific.
	- Lessons learned: insights from past projects and experiences.
	- Innovations: new techniques and approaches emerging in the field.
Monitoring, Evaluation, and Adaptive Management	- Techniques: methods for assessing NbS effectiveness and impact.
	- Indicators: metrics for evaluating ecological, social, and economic outcomes.
	- Adaptive management: strategies for adjusting and improving NbS based on monitoring and feedback.
Gender Equality, Disability, and Social Inclusion (GEDSI)	- Inclusivity: ensuring equitable access to benefits of NbS.
	- Participation: strategies for involving diverse groups in NbS planning and implementation.
	- Addressing disparities: identifying and addressing barriers faced by marginalized communities.
Community Engagement and Capacity Building	- Strategies: methods for engaging communities in NbS projects.
	- Training: educational programs to build skills and knowledge.
	- Integration: combining traditional knowledge with scientific approaches to enhance NbS effectiveness.
Future Directions and Emerging Trends	- Advances: new technologies and scientific discoveries impacting NbS.
Workshops	- In the field examples: Videos and case studies showcasing NbS projects and demonstration sites.
	- Hands-On Workshops: Interactive sessions on NbS techniques and tools.
	- Group Projects and Presentations: Collaborative projects and presentations on NbS design and implementation