

Issue: Biodiversity and Climate Change

Section: Assessment

Activity 1: Demonstrate the benefits of biological diversity

Component 1: demonstrate the benefits of forest biological diversity

Component 2: demonstrate the benefits of wetlands

Activity 2: Identify the effects on biodiversity

Component 1: identify the effects on biodiversity

Component 2: identify the effects on wetlands

Component 3: identify the effects on migratory species

Component 4: identify the effects on the threat of invasive alien species

Component 5: identify the effects on mountain biological diversity

Activity 3: Assess vulnerability and adaptability

Component 1: assess vulnerability of mountain ecosystems

Component 2: assess adaptability of species in mountain ecosystems

Component 3: assess vulnerability of migratory species

Component 4: assess vulnerability of wetland ecosystems

Component 5: assess vulnerability of coastal and marine ecosystems

Activity 4: Conduct technology needs assessment

Activity 5: Monitor the effects on biological diversity

Activity 6. Assess the impacts of UNFCCC and KP-related activities on biodiversity

Section: Adaptation

Activity 1. Promote biological diversity in adaptation measures

Activity 2: Recognize the role of ecosystems in adaptation

Activity 3. Incorporate recognized values into policies and planning decisions

Activity 4. Develop adaptation options

Activity 5: Assess adaptation options

Component 1: assess adaptation options in general

Component 2: assess adaptation options for protected areas

Component 3: assess adaptation options for coastal wetlands

Component 4: assess adaptation options for coral reefs

Activity 6: Maintain or enhance resilience of natural systems

Component 1: maintain resilience of natural systems in general

Component 2: enhance resilience of marine and coastal zones

Component 3: enhance resilience of water resources and agriculture

Component 4: enhance resilience of areas affected by drought, desertification and floods

Component 5: enhance resilience of wetlands

Component 6: enhance resilience of mountain ecosystems

Component 7: enhance adaptive capacity of migratory species

Component 8: enhance resilience of forest ecosystems

Activity 7: Enhance resilience of society

Activity 8: Restore degraded ecosystems

Activity 9: Minimize adverse effects of adaptation actions on the environment

Activity 10: Integrate adaptation measures into other policies and strategies

Section: Communication, education and public awareness

Activity 1: Raise awareness

Activity 2: Develop and implement educational and public awareness programmes

Activity 3: Develop educational and training materials

Activity 4: Strengthen national institutions through training programmes

Activity 5: Make information more readily available

Activity 6: Share lessons learned

Section Cooperation

Activity 1: Form partnerships

Component 1: form partnerships for marine and coastal biological diversity

Component 2: form partnerships for mountain biological diversity

Component 3: form partnerships for forest biological diversity

Component 4: form partnerships for migratory species

Activity 2: Cooperate in research and systematic observation

Activity 3: Facilitate information exchange

Component 1: facilitate information exchange in relation to mitigation and adaptation

Component 2: facilitate information exchange on coral reefs

Component 3: facilitate information exchange on migratory species

Activity 4: Cooperate in communication, education and public awareness

Activity 5: Coordinate activities

Activity 6: Provide examples of cooperation

Section Provision of resources

Activity 1: Support vulnerable countries

Activity 2: Provide support to projects and activities that take climate change into account

Activity 3: Identify capacity-building needs

Activity 4: Build capacity

Component 1: build capacity for effective mitigation and adaptation activities

Component 2: build capacity to address the linkages between climate change and wetlands

Component 3: build capacity to address threats to coral reefs

Component 4: build capacity to maintain mountain biological diversity

Component 5: build capacity to manage protected areas

Component 6: build capacity to manage wetlands

Activity 5: Ensure sustainability of capacity-building actions

Activity 6: Promote technology transfer

Section: Legislative measures and national policies

Activity 1: Make information available to policymakers

Activity 2: Use relevant information in policy-making

Activity 3: Formalise impact assessment procedures

Activity 4: Incorporate biodiversity and climatic interactions in programmes and policies

Component 1: incorporate climatic factors into national action programmes

Component 2: incorporate climate change and biodiversity objectives in relevant plans

Component 3: consider climate change in protected areas

Component 4: consider climate change in planning and managing wetlands

Activity 5: Integrate conservation and wise use policies into responses to climate change

Activity 6: Put proper institutional mechanisms in place

Section Mitigation

Activity 1: Consider biological diversity in climate change mitigation measures

Activity 2: Research on carbon dioxide sequestration technologies

Activity 3: Reduce greenhouse gas emissions through sinks or carbon stores

Activity 4: Minimize effects of climate change mitigation activities

Component 1: minimize effects – general

Component 2: minimize effects on wetlands

Component 3: minimize effects on migratory species

Section Economic instruments

Activity 1: Provide positive incentives for technology transfer

Activity 2: Create an enabling environment for technology transfer