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Priorities and workplan development

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Plan Development Process

- Scoping
- Identification of management questions
- Conceptual models
- Capacity assessment
- Identification and ranking of focal ecosystem components, attributes, and parameters
- Development of monitoring approach and design

Who: Terrestrial Expert Monitoring Group, external experts & stakeholders, peer review



Arctic Terrestrial Biodiversity Monitoring Plan

- Approach
 - Multi-scaled: integration of ground based and remotely sensed data
 - Building on existing networks and capacity
 - Welcomes participation from research, TEK, communities
 - Harmonization
- Monitoring targets
 - Biotic groups
 - Identified Focal Ecosystem Components attributes
 - Ranked as “essential” or “recommended”
- Framework for coordinated monitoring, NOT specific guidance on monitoring application



Dual Mandate

- Using what capacity is available now to better report
- Building for the future to enhance integrated monitoring coordination and capacity



Further refinement required

- Using what capacity is available now to better report
 - What are the priority management questions?
 - What are the priority Focal Ecosystem Component Attributes?
 - What will be assessed and reported?
 - How will these assessments be implemented?
- Building for the future to enhance integrated monitoring coordination
 - What gaps exist to deliver on the FEC attribute assessments and how will these be addressed?
 - What data structures, protocols, networks, infrastructure, capacity, etc. are required?
- What is the process to achieve stated outcomes?



Terrestrial Steering Group meeting Feb 25-27: Desired outcomes

- Clear understanding of the questions/ targets the implementation work is working toward for the next two years.
- Clear description of implementation projects/products for the TSG for 2014 – 2017/18
- Clear description of timeline and milestones for the implementation 2014 – 2017/18
- Detailed work programme for 2014 -2016
- Strategy to engage with potential contributors & networks
- Description of datasets sources to support analysis
- List of identified gaps. Prioritize next steps to address gaps.



Freshwater Workplan example

Milestone	Activities & Deliverables	Deadline
1. Plan published	a. Final plan endorsed by CAFF board	Oct 2012
	b. Plan published by CAFF and summary paper published in Biodiversity (vol. 13 p. 215-227)	Dec 2012
2. Governing structure activated	a. CBMP-FSG established	Jan 2013
	b. Adoption of Terms of Reference	Jan 2013
	c. Freshwater SG leads confirmed	Jan 2013
	d. National FENs established and membership recorded	Jun 2013
3. Data management	a. FENs review/revise existing contemporary metadata file and add missing data (Project 1)	Nov 2013
	b. FENs search for and add data from post-industrial period and pre-industrial (paleo) period to the metadata file (Project 1)	Feb 2014
	c. Metadata added to Polar Data Catalogue	Mar 2014
	d. FENs create summary maps for the FECs for the contemporary, post-industrial, and pre-industrial (paleo) periods (Project 2)	Jul 2014
	e. FENs complete summary reports describing existing data (Project 2)	Jul 2014

Milestone	Activities & Deliverables	Deadline
4. Indicator development	a. Existing data sets identified	Mar 2014
5. Reporting and coordination	a. 2013 work plan submitted to CAFF	Jun 2013
	b. FSG members acquire funding from country authorities to support implementation of plan according to Table 13 of The Freshwater Plan	Fall 2013
	c. General communications	Ongoing
	d. Freshwater SG meetings (in-person or teleconference)	Monthly
	e. FEN meetings (in-person or teleconference)	Fall 2013
	f. Annual performance report	Jun 2014

Process to set priorities

Identify priority management questions



Identify priority FEC Attributes



Identify what is already being done to assess FEC attributes



Identify what the TSG will assess and report



Develop workplan for priority FEC Attribute assessments



Identify integrative projects and develop workplan



Develop summary 2014-2016 workplan

Step 1

- Identify priority management questions
- Criteria:
 - Importance to decision-making and communities (legislation, management, subsistence harvest management)
 - Urgency, timeliness critical for decision making
 - Contributes toward ABA implementation recommendations
- Plenary (switch to biotic groups?)





Step 2

- Identify priority Focal Ecosystem Component Attributes
- Criteria
 - Relevance to priority management questions
 - Likelihood of success/feasibility (data availability and access, cost)
 - Early analysis possible (low hanging fruit), Can report in the State of the Arctic Report 2017
 - Impact, visibility
 - International in scope
 - Capacity to link drivers to change
- Breakout session – biotic groups
 - Assessment template provided
 - Tagged metadata available



Step 3

- Identify networks and integrative analyses already completed, planned, on-going to which we can link, add value
- Brief overview talks (Day 2)



Step 4

- Identify what the TSG will assess and report
 - **Short term (2014-2017)**
 - Long term (2020 +)
- Breakout sessions – biotic groups



Step 5

- Work backwards to develop specific workplan, identifying leads, data needs and sources, timelines, required resources, etc.
- Breakout sessions – biotic groups
- Template provided



Step 5: Project planning

For each FEC attribute, identify:

- Analysis conducted
- Parameters assessed
- Project lead
- Project participants
- Required steps to undertake analysis
- Data required
- Data sources
- Gaps & Threats; How will gaps be addressed
- Timeline/Key Milestones
- Anticipated costs



Step 5: Identify path forward on priority integrative projects

- Establishing Governing Structure & Implementation Structure
- Engaging the monitoring community; Establishing coordinated monitoring structures
- Establishing data management structure
- Indicator development
 - Identifying minimum sampling at long-term monitoring stations
 - Supporting headline indicator development and reporting
 - Identifying areas of high conservation
 - Identifying ecosystem services
- Establishing monitoring support structures
 - e.g. Taxonomy, Sample management



Step 5: Developing 2014-2016 TSG workplan

- Integrate
 - FEC work plans
 - “Integrative” work plans
- Summarize, roll up



Communications

- “Marketing” our products

