

IARPC Terrestrial Ecosystems Collaboration Team (TECT)
Meeting

20 June 2014
1:00 EDT (09:00 AKDT)

Toll-free: 866-242-0349
Participant Pin: 2728

AGENDA

1. Roll call
2. Report by Becci Anderson for Milestone 3.2.3.e: “Work with the Alaska Mapping Roundtable to Complete improved coastal map and high precision Digital Elevation Models (DEM) for western and northern Alaska in order to better understand coastal erosion, storm surges, and sea level rise.”
3. Milestone 3.2.2.c: “Data metadata (information about data) currently maintained by NSSI, NSF, USGS, the Arctic LCC, and non-governmental groups are made available via web services that conform to the Alaska Data Integration working group (ADIWG) standards. These data are available from both the original source agency or from any of several designated data aggregators.”
ACTION (from May): Sandy will talk to Stan and present revised language to address rolling together projects and metadata. (Discussions between Sandy, Stan and Carl have taken place. Carl can give update.)
4. Update 3.2.2.b “Review of completed and summarize ongoing Arctic studies involving cross-disciplinary collaboration at the principle investigator level following NSSI datacalls and identify any outstanding gaps and needs.” (Markon) (Attachment)
ACTION from May: Investigate how data can be aggregated into a more reportable form for milestone 3.2.2.b
ACTION from May: Consider how to address the cross-disciplinary aspect of milestone 3.2.2.b.

5. Discussion of a possible inventory (attached) to support work on Milestone 3.2.3.d: “Assess existing tools and methods for measuring and mapping the effects of cryosphere changes on Arctic ecosystems and communities, including water levels, sea level rise, salt water intrusion, and coastal inundation.”
6. Finalize language and plans for Milestone 3.2.3.f (Markon)

Original: Conduct a pan-arctic analysis to identify tundra and boreal regions that are most vulnerable to carbon loss with continued warming, thereby highlighting regions that pose the greatest risks with respect to positive feedbacks to climate change.

Proposed Change: Conduct a pan-arctic analysis of permafrost dominated Arctic and boreal regions to 1) identify gaps in our understanding of the magnitude and distribution of permafrost carbon stores; and 2) identify areas of permafrost that are potentially most vulnerable to carbon loss with continued warming.

7. Planning for next steps in implementing 3.2.3.f (Attachment, Interim milestones)
8. Review milestone 3.2.3.a “Compile information collected from local communities on the geographical areas of traditional use, the social-ecological conditions which help and hinder subsistence activities, and how changes in the terrestrial system —permafrost thaw, coastal erosion, vegetation resource abundance, distribution, hunter access, etc.—may affect local livelihoods.” (Payne)

ACTION from April and May meeting: It was agreed that a subgroup should be formed to address this milestone and walk through the milestone interim steps provided above. Suggestions for people to work on the subgroup were solicited. John will contact people suggested and attempt to hold a subgroup meeting prior to the next meeting of this collaboration team.

Subgroup:

John Payne (NSSI)

Dee Williams (BOEM)

Stacie McIntosh (BLM)

Philip Martin/Greg Balogh (Arctic LCC)

Anna Kerttula de Echave/Roberto Delgado (NSF)

Zach Stevenson (Northwest Arctic Borough)

Amy Lovcroft (UAF)

Someone from the North Slope Borough

(Possible State contacts provided by Philip Martin):

David Koster (david.koster@alaska.gov, 907-267-2372) Research Analyst

Davin Holen (davin.holen@alaska.gov, 907-267-2807) Subsistence Program Manager,
Southern Region