

Universal Soil Classification Working Group Cold Soils Meeting

International Arctic Research Center-IARC Building Room 401 UAF

October 30-November 1, 2012

See Map Link Below

Tuesday, October 30, 2012	
Moderator	Jon Hempel
Note takers for the week	Laurelin Henderson, Laura Bowling
10:00 am to 10:15 am	Welcome to Fairbanks, Logistics and Announcements- Mark Clark, Laurelin Henderson
10:15 am to 10:45 am	Introductions and Purpose-Jon Hempel
10:45 am to 11:00 am	Cold Soil Task Group Vision-Sergey Goryachkin
11:00 am to 11:45 am	Expectations and Outcome for Cold Soil Task Group and the week-All
11:45 am to 1:00 pm	Catered Lunch
1:00 pm to 1:30 pm	Characteristics and Distribution of Deep Permafrost Conditions in Alaska-Vladimir Romanovsky
1:30 pm to 2:00 pm	Cold Soil Classification Systems and Their Logic-Sergey Goryachkin
2:00 pm to 2:30 pm	Historic Perspective of the Gelisol Order and associated Subgroups-Jim Bockheim
2:00 pm to 5:00 pm	Field Trip-Saulich Permafrost Monitoring Site
7:00-??	Planned Dinner
Wednesday, October 31, 2012	
Moderator	Phillip Owens
9:00 am to 9:15 am	Summary of First Day-Jon Hempel
9:15 am to 9:45 am	How Soil Taxonomy has Worked and Recent Modifications-C.L. Ping
9:45 am to 10:15 am	Cryosols-Canadian and IUSS Cryosol Working Group-Charles Tarnocai
10:15 am to 10:30 am	Break
10:30 am to 10:45 am	Overview of World Reference Base-Cryosol Classification-Erika Micheli

10:45 am to 11:15 am	Cryoturbated Non-Permafrost soils and Classification Problems-Cezary Kabala
11:00 am to 11:30 am	Soil heavily influenced by cryoturbation without having permafrost as well as warming sub-soils Rannveig Anna Guichamaud
11:30 am 12:00 pm	Problem of Classification of Soils or Ultra-Continental Cold Regions-Dmitri Konyushkov (presented by Sergey Goryachkin)
12:00 pm to 1:00 pm	Catered Lunch
1:00 pm to 5:00 pm	Field Trip-Permafrost Tunnel Fox
7:00-???	Planned Dinner
Thursday, November 1, 2012	
Moderator	Sergey Goryachkin
9:00 am to 9:15 am	Summary of Second Day-Moderator Phillip Owens
9:15 am to 9:45 am	The Problem of Soil Temperature and Moisture Regimes for Cold Soils-Phillip Owens
9:45 am to 10:15 am	Circumpolar Cryosol Map-Charles Tarnocai
10:15 am to 10:45 am	Mapping Gelisols and Gelic Subgroups in Alaska-the Subgelic and Pergelic Difference-Mark Clark
10:45 am to 11:15 am	Soil mapping in Antarctica - New Zealand's experience with application of the Gelisol Classification: successes and suggestions-Megan Balks
11:15 am to 11:45	Paleocryogenic Features- Are They a Problem for Cold Soil Classification?- Micheli Erika
11:45 am to 1:00 pm	Catered Lunch
1:00 pm to 2:00 pm	Important properties for cold soil description-Jon Hempel
2:00 pm to 3:00 pm	Harmonize the definitions of the properties-Sergey Goryachkin
3:00 pm to 4:00 pm	Harmonize the existing diagnostic criteria-Erika Micheli
4:00 pm to 4:30 pm	Numerical approaches for classification studies/possible application for cold soil- Erika Micheli
4:30 pm to 5:00 pm	Cold Soil Data Availability for future studies-Phillip Owens
5:00 pm to 6:00 pm	Discussion on ways forward-Jon Hempel/All
7:00 pm-???	Celebration of a successful/productive week

Map Link: <http://maps.google.com/maps?f=q&hl=en&q=64.8592+-147.851&layer=&ie=UTF8&om=1&z=17&ll=64.859199,-147.851&spn=0.003947,0.010546&t=h&iwloc=addr>