

Legacy IPY Hierarchic GIS Database for the Arctic Observatory at Toolik Lake



Presented at the 41st Alaska Surveying and Mapping Conference, 19-23 March 2007, Westmark Hotel, Fairbanks, AK.

Fig. 1. Toolik Lake Field Station in the Foothills of the Brooks Range, Alaska. Photo courtesy of IARC Photo Gallery. Photographer: J. Cherry.

Fig. 2. Hierarchy of digital terrain models of the Arctic Geobotanical Atlas

The maps and website (www.arcticatlas.org) are being developed at the Alaska Geobotany Center in collaboration with other groups at the University of Alaska Fairbanks, including the Toolik Field Station, the Geographic Information Network of Alaska (GINA), and the Water and Environmental Research Center (WERC). Funding was provided by National Science Foundation (ARC-0425517). The Alaska Geobotany Center is located within the Institute of Arctic Biology, University of Alaska Fairbanks, www.iab.uaf.edu.