

Category	Sub-Category	Mukhrino Field Station
Website		http://www.ugrasu.ru/UNESCO_Chair/
Country		Russia
Opening year		2009
Operational period		Year-round
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	– Yes w.bleuten@uu.nl , e_lapshina@ugrasu.ru
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Yugra State University Government UNESCO Chair on Environmental Dynamics and Climate Change w.bleuten@uu.nl , e_lapshina@ugrasu.ru http://www.ugrasu.ru/UNESCO_Chair_en_muhrino/
Other institutions	Name Country	– –
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	60°54' N, 68°42' E 60 m a.s.l. 25 m a.s.l. 120 m a.s.l. Khanty-Mansiysk (60 000 inhabitants) 28 km Satellite images (resolution 30, 12 and 2 m), maps (1:25 000 and smaller)
Climate	Climate zone	Sub-Arctic
	Permafrost	Palsas
	Years measured	–
	Mean annual temperature	-1.3 °C
	Mean temperature in February	–
	Mean temperature in July	17.1 °C
	Mean annual wind speed	–
	Max. wind speed	–
	Dominant wind direction	NW, W, SW
	Total annual precipitation	553 mm
	Precipitation type	Rain, hails, snow (40% of the total)
	Ice break up	Lakes and rivers: c. mid May
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak/off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	240 m ² 80 m ² 200 m ² A two-floor wooden building with study/laboratory rooms, simple equipped dining room and kitchen, beds for 14 persons and a (Russian) sauna 1-3 (year-round) 20 – – 230 V Eurasian two/three-pin plug and 12 V (solar, wind power) 24 hours per day
Scientific equipment	Specific device Scientific services offered	– –
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	Basic – – 28 km – –
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	– – – Port, landing wharf, pontoon
Vehicles at station	Sea transportation Land transportation	Ship (30 m), 2 boats (4 m) Car/pick-up, ATV, 3 Snowscooters
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Ship/boat/car/hike/snowmobile (depending on the season) June-September –





Features within study area	
<input type="radio"/>	Ice cap or glacier
<input type="radio"/>	Permanent snowpatches
<input type="radio"/>	Mountain
<input type="radio"/>	Valley
<input type="radio"/>	Shoreline
<input type="radio"/>	Tundra
<input type="radio"/>	Tree line
<input checked="" type="radio"/>	Other (Middle taiga (Boreal))
Main science disciplines	
<input type="radio"/>	Anthropology, Sociology, Archaeology
<input type="radio"/>	Astrophysics
<input checked="" type="radio"/>	Atmospheric chemistry and physics
<input type="radio"/>	Isotopic chemistry
<input checked="" type="radio"/>	Climatology, Climate Change
<input checked="" type="radio"/>	Environmental sciences, Pollution
<input checked="" type="radio"/>	Geodesy
<input type="radio"/>	Geology, Sedimentology
<input type="radio"/>	Geophysics
<input type="radio"/>	Glaciology
<input checked="" type="radio"/>	Geocryology, Geomorphology
<input checked="" type="radio"/>	Soil science
<input type="radio"/>	Human biology, Medicine
<input checked="" type="radio"/>	Mapping, GIS
<input checked="" type="radio"/>	Marine biology
<input checked="" type="radio"/>	Oceanography, Fishery
<input checked="" type="radio"/>	Microbiology
<input checked="" type="radio"/>	Hydrology
<input checked="" type="radio"/>	Terrestrial biology, Ecology
<input type="radio"/>	Paleolimnology
<input checked="" type="radio"/>	Paleoecology
<input type="radio"/>	Limnology
Workshop facilities	
<input type="radio"/>	Metal workshop
<input checked="" type="radio"/>	Wood workshop
<input type="radio"/>	Plexiglas workshop
<input checked="" type="radio"/>	Staff available to assist with constructions
Communication	
<input checked="" type="radio"/>	Telephone
<input checked="" type="radio"/>	Satellite phone
<input checked="" type="radio"/>	VHF
<input checked="" type="radio"/>	E-mail
<input checked="" type="radio"/>	Internet
<input checked="" type="radio"/>	Computer
<input checked="" type="radio"/>	Printer
<input type="radio"/>	Scanner
<input type="radio"/>	Fax

