

09 September 2019

REQUEST FOR SUPPORT OR SPONSORSHIP

Dear Sir or Madam,

The Grassroots Institute aims to undertake innovative research, strengthen human development initiatives and take appropriate grassroots field action to empower marginalized communities and Indigenous people to bring about environmental and social consciousness as a societal change agent. To know more about our institution, please see the website: www.grassrootsinstitute.net .

To build the capacities of future leaders (researchers, students, practitioners and scholars) we have announced a 10-days international program namely “**Summer Field School & Workshop on Mountain Ecosystems and Resource Management**” on **6-15 July 2020** in *Ukraine’s Carpathian Mountains*. The natural ecosystems in mountain areas are crucial for the existence of humankind on this planet. The proposed program is to cover the contexts of mountain regions globally, i.e. Himalayas, Alps, Andes, Rockies, Karakoram, Pamir, Carpathian, Fuji, Caucasus, etc. This program will be conducted for **30-40** international participants in English language covering the contemporary current topics on the following broad areas: (1) Mountain Ecosystems; (2) Freshwater Ecosystems; (3) Forest Ecology; (4) Grassland Ecosystems; (5) Biodiversity Conservation; (6) Wildlife Management; (7) Ecotourism; (8) Park-People Interface; (9) Participatory Resource Management; (10) Watershed Management; (11) Sustainable Agriculture & Organic Farming; (12) Agro-Biodiversity; (13) Transhumance & Pastoralism; (14) Livestock Production; (15) Mountain Livelihoods; (16) Mountain-based Conventions; (17) SDGs & Mountains; (18) Mountain Sustainability. *A detailed Draft Proposal Document (Annex-I), Communication Plan (Annex-II) and Course Contents (Annex-III) are attached along with this letter.* Elaborated details of our program can be seen on dedicated website www.grassrootsglobal.net/mer2020.

In an attempt to engage more and more stakeholders and preparing intra-institutional and inter-institutional platforms from where the mountain sustainability can be promoted regionally or globally, we invited many academic institutions, international organizations, local councils and NGOs to partner/collaborate the program. So far, above 22 leading universities/institutions and nearly 25 medium/small organizations belonging to Canada, Ukraine, Belarus, Armenia, Albania, Slovenia, Romania, Bosnia Herzegovina, Azerbaijan, Kyrgyzstan, Kazakhstan, Tajikistan, Nepal, Myanmar and India have signed MoU to partner/collaborate in this innovative program. Some more are expected. **We are committed to accomplish full visibility to all donors, sponsors, organizing partners, collaborators, field study partners, media partners and publishing partners.**

In this context, we are approaching you to kindly **SUPPORT** the program costs in the form of *grant* or **CONTRIBUTE** in the form of sponsoring the *Scholarship(s)*. On the next page, we are presenting the Summary Budget of the estimated expenditures for 30 participants. You may support the program costs to whatever extent is possible for you. Alternatively, we have calculated the expense on per head basis and presented in the form of Scholarships. You may please contribute to the costs of scholarships. **KINDLY SUPPORT OUR INITIATIVE SO THAT WE CAN SUCCESSFULLY DELIVER THIS HIGHLY DESIRABLE PROGRAM TO SHAPE FUTURE LEADERS.** We envisage to continue this global program every year. Your organization will be duly acknowledged for a great contribution to the global environment in mountain areas and the sustainable development goals (SDGs).

BUDGET SUMMARY

Budget – Part.1: Direct Program Cost	42620 CAD	
Budget – Part.2: Overhead (Execution) Costs	7550 CAD	
Budget – Part.3: Travel Cost of Resource Persons	17840 CAD	
Budget – Part.4: Costs for Preparation & Delivery	56500 CAD	
Total of All-Program Costs		124510 CAD
Budget – Part.5: Travel Costs of Participants	47300 CAD	
Grand Total		171810 CAD

IN THE MODE OF SCHOLARSHIPS

(a) Tuition Scholarship (covering course fee only). The course fee will include the cost of teaching/training, accommodation, food, field trips, cultural excursion, teaching/learning material, facilitation kit, etc. **Value:** CA\$ 4200 or US\$ 3200.

(b) Travel Scholarship (covering travel only). The costs of international travel, local travel, local commuting charges and incidental expenses will be covered under this scholarship. Visa cost is not included. **Value:** CA\$ 1576 or US\$ 1200.

By contributing to program costs or sponsoring the scholarship(s) your organization will be acknowledged in the following manner:

1. You may name the grant or scholarship as per your choice. In case, you wish to reserve the grant or scholarship for any of our organizing partner institution or any other particular university or institution, you may do so.
2. The name and other details of the grant or scholarship(s) will be placed on the webpage of dedicated website: <https://www.grassrootsglobal.net/mer2020/scholarships.html>.
3. Your organization name, logo and other details will be placed on an exclusive page along with listing on the webpage: <https://www.grassrootsglobal.net/mer2020/sponsors.html>.
4. The logo of your organization will be linked with exclusive page and be placed on the main page of the website: <https://www.grassrootsglobal.net/mer2020/>.
5. In all announcements, advertisements and important communications, the names or logos of all donors, sponsors and supporters will prominently be placed [as explained in Communication Plan (Annex-II)].
6. Your organization will attain worldwide visibility and publicity, as massive advertising, publicity, emailing, web posting, social media posting, and publishing will be done across the world by us as well as our all partners/collaborators in order to mobilize the potential participants for this program.
7. Your organization will be exposed to large numbers of world's universities, institutions, government organizations, NGOs, individuals, scholars, researchers and students.
8. Your organization may develop a functional partnership or association with the organizing partners and collaborators of this program.
9. Your organization will promote environmental conservation, mountain sustainability and sustainable development of mountain communities. Maybe you are already actively doing so; however, by supporting our innovative program, your organization will contribute at global scale.

Should you need any further information, please let us know. We look forward to hearing from you soon.

Sincerely,



Dr. Hasrat Arjjumend
director@grassrootsinstitute.net

A Draft Proposal for Partnership & Collaboration

Summer Field School & Workshop on Mountain Ecosystem and Resource Management



ABOUT THE GRASSROOTS INSTITUTE

The Grassroots Institute aims to undertake innovative research, strengthen human development initiatives and take appropriate grassroots field action to empower marginalized communities and Indigenous people to bring about environmental and social consciousness as a societal change agent. The Grassroots Institute envisions effecting positive change through participation in a world in which local communities and First Nations who have been marginalized by environmental degradation, poverty, conflict and other forms of injustice gain control over their natural and biocultural resources, lives and livelihoods, and the policy decisions that affect their lives directly or indirectly. The Grassroots Institute was founded in 2005 in India and over these many years the Institute organized lot many IFTs (intensive field trainings) and several Summer Field Schools for the students. These Summer Field Schools offered high-quality interdisciplinary practical education giving grassroots exposure to the students. The Summer Field Schools were designed to teach students about critical/local problems and train them to do field work, field research and community development. Field exercises and exposure complimented classroom lectures and helped students develop skills needed for correlating the theory with the practice.

The Grassroots Institute is recently shifted and established in Canada. In Canada, the Institute considers field-based programs in Alberta and British Columbia with a campaign under evolution to be operated worldwide. The Grassroots Institute is strategically evolving partnerships in South Asia, Central Asia, and Eastern Europe.

WHY MOUNTAIN ECOSYSTEMS AND RESOURCES IMPORTANT?

Mountain environments cover some 27% of the world's land surface, and directly support the 22% of the world's people who live within mountain regions. Lowland people also depend on mountain environments for a wide range of goods and services, including water, energy, timber, biodiversity maintenance, and opportunities for recreation and spiritual renewal. Mountains provide for the freshwater needs of more than half of humanity, and are, in effect, the water towers of the world. The world's mountains encompass some of the most spectacular landscapes, a great diversity of species and habitat types, and distinctive human communities. Mountains occur on all continents, in all latitude zones, and within all the world's principal biome types – from hyper-arid hot desert and tropical forest to arid polar icecaps – and support a wide variety of ecosystems. Mountain ecosystems are important for biological diversity, particularly in the tropics and warmer temperate latitudes. Isolated mountain blocks are often rich in endemic species. As noted in the report of the Secretary-General of the United Nations when he proclaimed 2002 as the "International Year of Mountains," mountains harbour a significant portion of distinct ethnic groups, varied remnants of cultural traditions, environmental knowledge and habitat adaptations. They host some of the world's most complex agricultural gene pools and traditional management practices. Mountain biodiversity plays a key role in the support of global environmental, economic, social and cultural sectors through connections to; invasive species, air pollution, climate change, mining, hydropower, tourism, forests, agriculture. Therefore, the challenge is to sustainably manage mountain regions to avoid degradation and avoid subsequent increases in poverty and hunger. Additionally, the preservation of cultural traditions and livelihoods that have developed over many generations in mountain social-ecological systems also may contribute to environmental conservation through maintenance of traditional (local) knowledge as well as the genetic resources inherent in local domesticated crops and livestock.

Globally, environmental problems are growing day by day and threatening the existence of our planet and humanity. The diversity of mountain natural resources such as forests, water, soil, biodiversity, minerals, wildlife and agroecosystems are exploited recklessly. Therefore, ecosystem and resource management in mountains needs sustainable management of rapidly depleting natural resources such as clean water, energy, minerals and biological resources, in relation to the growth of the human population. "The Summer Field School & Workshop on Mountain Ecosystem and Resource Management" will impart practical training to the participants on the critical links of problems with solutions related to natural resources in mountains. This practical training program will provide full space to the participants to understand, analyse, discourse and offer solutions to key issues associated with natural resources in mountains.

SUMMER FIELD SCHOOL & WORKSHOP ON MOUNTAIN ECOSYSTEM AND RESOURCES MANAGEMENT

This international training program examines the mountain ecosystems in contexts of human development and natural resources, principles of managing natural resources, and governing the resources for sustainable conservation. Depicting on case studies from a wide range of the current natural resource across the globe, the program considers how different social, political, economic and cultural and gender aspects compete for and sustain the natural resources in mountain ecosystems. The program also examines how environmental activists and their interventions conserved parks, energy, water and land in the face of climate variability basing on a gender perspective. The program will consider how the current international and development system elaborates and processes to sustainably manage the available natural resources in mountain landscapes. **The program aims at equipping researchers, students, practitioners and teachers seeking learning about mountain ecosystems and sustainable development, with practical approaches, knowledge and skills necessary for meeting challenges of sustainable use of natural resources globally.** This international training program will be executed in partnership of various academic and practice-oriented organizations.

WHO SHOULD PARTICIPATE SUMMER FIELD SCHOOL & WORKSHOP ?

The "Summer Field School & Workshop on Mountain Ecosystem and Resource Management" is specifically designed for the following:

- PhD students
- Research scholars
- Early career practitioners
- Young teachers
- Degree or Diploma students
- Other having interests

Potential participants having education in the subjects like Environmental Science, Environmental Studies, Geography, Anthropology, Conservation Biology, Agriculture, Forestry, Human Ecology, Resource Management, Wildlife Biology, Water Science, Animal Science, Social Science, Rural Development, Business Management, Law, etc. may join the program.

The program will cover the contemporary current topics on the following broad areas:

- Mountain Ecosystems
- Alpine Ecosystems
- Freshwater Ecosystems
- Forest Ecology
- Biodiversity Conservation
- Wildlife Management
- Ecotourism
- Park-People Interface
- Participatory Resource Management
- Watershed Management
- River Basin Management
- Transhumance
- Pastoralism
- Livestock Development
- Mountain Livelihoods
- Rural Microenterprise
- Sustainable Agriculture
- Organic Farming
- Agro-Biodiversity
- Mountain-based Conventions
- SDGs & Mountains
- Mountain Sustainability

*Detailed list of topics to be covered will be posted in the announcement. The potential participants will select topic of their choice and submit their individual papers.

EXCEPTIONAL FEATURES OF SUMMER FIELD SCHOOL & WORKSHOP

How is the “Summer Field School & Workshop on Mountain Ecosystem and Resource Management” different from other similar trainings? Mostly, such trainings cover a segment or narrow scope of ecosystems, mountain resources, and resource management. Moreover, the focus remains mainly either on scientific management or the socio-political aspects of management. Additionally, those trainings target one or two categories of audiences. On the contrary, our program will have the following distinguished features:

- Coverage and integration of interdisciplinary topics dealt under plant science, wildlife science, ecosystems & ecology, forestry, agriculture, biodiversity, physical environment, geoscience, environmental ethics, political ecology, natural resource management, environmental anthropology, environmental policy & law, resource governance, international law, customary law, sustainable agriculture, water resource conservation, rural business development, livestock management, participatory research methodology, ethnic & minority issues in natural landscapes, Indigenous and human rights.
- *All participants will be given full space to prepare and present their individual papers.* An appropriate expert mentor will be assigned to each participant well before start of the program, and the mentor will provide necessary inputs to participant’s paper before

presentation during the program. **Participants' individual papers will be published in our journal (Grassroots Journal of Natural Resources) with adequate editorial assistance.**

- Renowned academics and practitioners from different countries are invited to deliver the contents on different topics. They are from Europe, Asia and North America.
- Participants from varied backgrounds may join the program. They may be doctoral students, Masters students, researchers, teachers, field practitioners, and scholars.
- The program will be conducted mostly on-site locations in Carpathian mountains. Course work, practicals and case studies will be conducted on-sites relevant to the topics being taught.

DURATION

6 – 15 July 2020 (10 days)

LOCATION AND VENUE

The program is tentatively proposed to take place in Carpathian Mountains of Ukraine. The locations of structured sessions and field work will be decided once the partners are finalized. However, it is proposed to take place in Ivano-Frankivsk, Kosiv, and Hutsulshchyna National Park.

NUMBER OF INTERNATIONAL PARTICIPANTS

30-40

PARTICIPATION PROCEDURE AND DELIVERY METHODS

1. *Selection of Candidates:* Applications will be invited within a deadline, i.e. 31 December 2019. Simultaneously, an Organizing Committee and a scholarships Selection Committee will be constituted representing each of the Organizing Partner. All the applications will be discussed by Selection Committee and the shortlisted candidates will be invited to register. The selected applicants will be given a pack of all necessary information and guidance.
2. *Pre-Training Paper Work:* All participants will be given full space to prepare and present their individual papers. At the time of application, each applicant will be asked to write title, abstract, methodology and brief findings of a research or review paper. Upon selection, the selected candidates will be given guidance to complete the proposed research or review paper.
3. *Training Methodology & Pedagogy:* This practical training must be learner-centric. The participants will be given full space and priority in pedagogy. On the given topics, the lecture will be delivered by using creative and participatory methods. The lecture should involve exercise or practical by participants. Some of the lectures will be designed to take place during the field visits. Pre-assessment existing knowledge and post-assessment of acquired knowledge can be arranged. At least 30% time of the lecture should be allotted

to let the participants speak or perform for sharing their experiences or knowledge on the topic concerned.

4. *Special Display or Exhibit by Participants:* Within the broader canvass of contents, the participants will be encouraged to display or exhibit their respective special interest, work, skill or achievement. They will be informed in advance for thinking, planning, arranging, transporting and managing for such display or exhibit.
5. *Participant-Mentor Sessions:* From among the lecturers and facilitators an appropriate expert mentor will be assigned to each participant well before start of the program, and the mentor will provide necessary inputs to participant's paper before presentation during the program. Before onset of training, the mentor and participant will initiate discussing with each other. The mentor will give inputs in improving individual paper of the participant. After the training takes off, they will hold several informal sessions together to further improve the paper before and after presentation.
6. *Individual Paper Presentations:* As explained above, each participant will write individual research or review paper and present on specified day during the training program. His/her individual paper will be published in our journals with adequate editorial assistance. The mentor will give necessary technical advisory inputs.
7. *Special Sharing Sessions:* Some of the topics from contents will be kept open for participants to pick up. Besides those topics, participants may propose their own topics within the broader canvass of training program. On these topics, they will be given time to speak in front of all audience including facilitators. This way they will contribute to enrichment of the program.
9. *Post-Training Individual Work and Periodic Assessment:* As each participant will leave with certain take away, we will like to keep tracking the progress of individuals in their respective works post-training. Through relevant questions in periodic assessments we will measure the impact of our practical training on their respective work.

INVITATION FOR PARTNERSHIP

Academic institutions, field-based organizations and international organizations are invited to be the partners and collaborators in this pilot international summer field school cum workshop program. On successful delivery of pilot training program, next batches of this training program will be organized with more structured efforts. As this program will be advertised and publicized across the world extensively, your institution or organization will gain extended visibility and publicity too. The Grassroots Institute expects to raise essential financial resources for the program.

CONTACT

Dr. Hasrat Arjjumend | harjjumend@gmail.com | director@grassrootsinstitute.net
www.grassrootsinstitute.net | www.grassrootsglobal.net

Annex-II

SUMMER FIELD SCHOOL & WORKSHOP MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT

6-15 July 2020 | Ivano-Frankivsk Region, Ukraine

COMMUNICATION AND VISIBILITY PLAN

ADVERTISING

All related advertisements will be prepared mentioning logos of the **Organizing Partners, Field Partners, Sponsors** and **Supporters**. Such advertisements and communications will be distributed and placed on independent website, the websites of all partners, collaborators, sponsors and supporters. In some relatively big-size advertisements, the logos of **collaborators** will also be placed in small size.

DISPLAY AND VISUAL MATERIAL

Visual and display materials (e.g. participants' kit bag, stationery, banners, glow signs, note pads, posters, pamphlets, power point displays, etc.) will mention logos of the **Organizing Partners, Field Partners, Sponsors** and **Supporters**). In some big size displays, the logos of **collaborators** will also be given space.

INDEPENDENT WEBSITE

An independent website of the 'Summer Field School & Workshop' will contain the following broad items as part of its contents:

- The website will contain sections of program's Introduction, Background, Purpose, Outcomes, Participation Procedures, Training Methodology, Benefits of Participation, etc.
- Full program schedule with day-wise session plans, practicals, field trips, facilitation process will be placed on the website.
- Details and links of the Carpathian mountains, Ivano-Frankivsk, Kosiv, Dolyna, Hutsulshchyna National Park, and associated locations will be posted along with maps and guide of 'how to reach'.
- Detailed profiles of Core Faculties, Associate Faculties and Field Faculties & Facilitators will be created on the website.
- Names, affiliation and brief profiles of members of Organizing Committee and Scholarships Selection Committee will be placed on the website.
- Profiles of Participants will also take space on the website.
- Application Procedures will be explained in detail along with Eligibility Criteria, Essential Documents, etc.

- Application Process will be ONLINE; the submitted applications will reach administrator of website in pdf format. At the end of deadline period all the applications will be passed on to Organizing Committee as well as Scholarships Selection Committee.
- Necessary details of available Scholarships will be placed on website. Expectedly, there will be three types of Scholarships: (a) Full Scholarships (covering international travel, local travel, course fee); (b) Partial Scholarships (covering course fee only); (c) Travel Scholarships (covering international travel, local travel). [The course fee will include the cost of teaching/training, accommodation, food, field trips, cultural excursion, etc.]
- **Organizing Partners** and **Field Studies Partners** will have logos on the bottom of each page of the website. The logo will be hyperlinked with the website URL of the partner institution/organization. Additionally, in the section of “Partners”, a paragraph text about the institution/organization along with contact name and website URL will be placed.
- **Sponsors/Supporters** and **Media Partners** will have logos on the bottom of each page of the website. The logo will be hyperlinked with the website URL of the partner institution/organization. Additionally, in the section of “Partners”, a paragraph text about the institution/organization along with contact name and website URL will be placed.
- **Collaborators** will have logos displayed in a separate section “Collaborators”. Their logo will not repeat on each page of the website. However, in the section of “Collaborators”, a paragraph text about the institution/organization along with website URL will be placed side by side the logo.
- Participants’ Reflections about the sessions and overall program will get space in website.
- Abstracts of the papers written by participants will also get distinct space.
- Learning Resources: All teaching material, lecture ppt, lecture notes, exercise notes, presentations, photos, videos, links, etc. will be uploaded on the website and will be open access resources.

FACEBOOK and LINKEDIN

In the name of Summer Field School, a fresh institutional or event page will be created on Facebook and LinkedIn. Specially, the advertisements (prepared in image file mentioning logos of the **Organizing Partners, Field Partners, Sponsors and Supporters**) will be constantly posted on both the platforms. Sponsored ads will also be played with forward link to website of the program.

OTHER WEB MEDIA and CHANNELS

On all other channels and web platforms, the advertisements (prepared in image file mentioning logos of the **Organizing Partners, Field Partners, Sponsors and Supporters**) will be posted and displayed.

Annex-III

SUMMER FIELD SCHOOL & WORKSHOP

MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT

6-15 July 2020 | Ivano-Frankivsk Region, Ukraine

6 July 2020 | Ivano-Frankivsk

Welcome and Reception

The international participants will arrive in Kiev and Lviv. They will be assisted to reach Ivano-Frankivsk by train. At the venue (a hotel), all the participants and faculty members will stay in pre-allotted rooms.

By:

Dr. Hasrat Arjjumend, *Program Director* (Summer Field School)

Mr. Mykola Skydaniuk, *Program Manager* (Summer Field School)

09.00 – 11.00 pm Welcome Dinner

- Getting to know

Night Stay: Ivano-Frankivsk

Technical Sessions Group-1

Mountain Ecosystems; Freshwater Ecosystems; Forest Ecology; Environmental Issues

Core Faculties: Prof. Dr. Stephen Venn (Finland); Dr. Marta Korchemlyuk (Ukraine); Dr. Tatyana Fedonyuk (Ukraine)

Associate Faculties:

Tentative Topics

- Mountain Landscapes around the World
- Why mountains matter?
- Diversity of Ecosystems in Mountains
- High Altitude Grassland Ecosystems
- Criticality of Mountain Grasslands and Watersheds
- Climate Change and Mountain Ecosystems
- Ecosystem Services
- Freshwater Ecosystems in Mountains including Wetlands
- Mountain Rivers and Riverine Ecology
- Mountain Forests and Forest Ecology
- Basic Geological Understanding of Mountains
- Anthropological Threats, Extractive Industries, Biotic Distress
- Ecological Restoration, Conservation, Agroecology
- Environmental Problems and Issues in Mountains
- Pollution of Aquatic Ecosystems, Biological Monitoring and Indicators

Reception Dinner | 8.00 pm

- Ice breaking

Night Stay: Ivano-Frankivsk

Technical Sessions Group-2

Participatory Resource Management; Watershed Management; River Basin Management

Core Faculties: Prof. Hans-Peter Nachtnebel (Austria); Dr. Tarig El Gamri (Dudan); Mr. Rana Roy (Canada);

Dr. Hasrat Arjjumend (Canada)

Associate Faculties:

Tentative Topics

- Fundamental Problems in Natural Resource Management
- Stakeholders in Resource Management: Stakeholder Analysis
- Public Management of Natural Resources: Land, Water, Forests, Agriculture
- Participatory and Decentralized Management of Resources
- Principles of Community Participation and Leadership
- Customary Institutions, Community Institutions and Local Governance
- Case of Participatory Forest Management of Nepal
- Case of Community Forest Management of India
- Geohydrology of Mountains and Surface Runoff, Groundwater Hydrology
- Human Influences on Hydrological Cycle
- Rural Appraisals, Mapping and Participatory Land Use Planning
- Principles and Methods in Watershed Development & Management
- Ridge Valley Treatment of Hilly Terrains: Soil & Water Conservation
- Reforestation & Agroforestry; Agriculture Development
- Framework of River Basin Management
- Planning, Water Treaties, Institutions, Implementation
- Transboundary Water Management & Policies
- Hydropower Development and Environmental Impacts
- Flood Forecasting

City Tour Ivano-Frankivsk | 5.00 pm

- Sight seeing: City centre; Park; Institutions; Regional Rada
- Cultural Program by Youth Group (not yet confirmed)

Night Stay: Ivano-Frankivsk

Technical Sessions Group-3

Mountain Livelihoods; Rural Micro-Enterprises; Livestock-Based Livelihoods

Core Faculties: Dr. Arabinda Mishra (Nepal); Eng. (Ms.) Anke Weisheit (Uganda)

Field Faculties: Dr. Yaroslava Korobeinykova (Ukraine); Dr. Andrew Mykytyn (Ukraine)

Tentative Topics

- Innovative Livelihoods in Integrated Landscape Management
- Sustainable Livelihood Options for High Altitude Mountain People
- Agriculture-Based Products; Agriculture Diversification
- Non-Timber Forest Products (NTFPs); Mountain Herbs
- Horticulture; Tea and Resin Cultivation; Dairy Farming
- Nursery Raising for Reforestation; Beekeeping; Honey Production
- Non-Farm Economic Activities; Ecotourism; Nature Education
- Culture-Based Rural Livelihoods
- Value Chain, Value Addition, Marketing, Cooperatives, Linkages
- Microenterprise: Role and Importance in Mountain Economy
- Green Economy and Microenterprises
- Tackling the Challenges Faced by Microenterprises
- [Climate Change Impacts on Mountain Livelihoods](#)
- Linkages of Microfinance and Microenterprises
- Business Skills Development among Rural Entrepreneurs
- Government Support and Policies
- Grassland-Livestock Interface
- Livestock and Fodder Management
- Livestock Economy, Livestock-Based Livelihoods
- Case of Milk Production & Products in Ukraine's Carpathian Areas
- Interface with Privatization and Technology

Field Trip to Nearby Villages | 3.00 pm

- Cooperative enterprise
- Individual microenterprise
- Farming practices

Night Stay: Ivano-Frankivsk

Technical Sessions Group-4

Transhumance; Pastoralism; Rangeland Governance

Core Faculties: Dr. Ilse Köhler-Rollefson (Germany); Dr. Michele Nori (Italy); Dr. Marius Warg Næss (Norway)

Field Facilitators: Mr. Pavlo Vandzurak (Ukraine); Mr. Mykola Skydaniuk (Ukraine)

Tentative Topics

- Transhumance: A way of life truly sustainable
- Challenges of Transhumants in Contemporary World
- Nomadism and Pastoralism
- Pastoral Livelihoods and Animal-Centric Cultures
- Pastoralism in Mountain Areas and High Altitudes
- Features of Pastoral Communities: Examples from Asia, Africa, Europe
- Climate Change and Adaptation Challenges
- Rangelands Fragmentation, Enclosure and Impacts
- Governance of Pastures and Grasslands: Role of Local Institutions
- Issues of Declining Livestock and Eroding Animal Breeds
- Biodiversity Conservation, Biocultural Protocols and Access & Benefit Sharing
- Conflicts and Confrontations threatening Mobile Pastoralists
-

Field Trip to Manyava Meadows | 7.00 am

- Pasture Meadows
- Forest Ecosystem
- River/Lake Ecosystem

Field Trip to Kosiv District | 10.00 am

- Pasture Meadows (Polynini)
- Livestock & Milk Production

Night Stay: Kosiv or Hutsulshchyna NP

Technical Sessions Group-5

Biodiversity Conservation; Wildlife Management; Ecotourism; Park-People Interface

Core Faculties: Dr. Ramesh K. (India/Canada); Dr. Rafał Kurczewski (Poland); Dr. Stifurak Yuri Petrovich (Ukraine);

Associate Faculties: Dr. Lyudmila Arkhypova (Ukraine)

Tentative Topics

- Mountain Biodiversity
- Threats to Biodiversity and Conservation Measures
- Measurement of Biodiversity
- Ecosystem Services in Mountain Areas
- Dangers to Wildlife
- Wildlife Conservation and Management
- Habitat Conservation; Keystone Species Conservation
- Human Dimensions of Wildlife Management
- Protected Area Management System
- Challenges in Protected Areas Management
- Water Management in Wildlife Areas
- Research in Protected Areas
- Ecotourism in Protected Areas
- Carrying Capacity and Biotic Pressure in Tourism-Bound Areas
- Extractive Industries and Development Projects in Protected Areas
- Foundations of Parks-People Conflicts
- Issues of Crops Damage by Wild Animals
- Role of Ethics, Sacredness, Spirituality, Religion in Wildlife Conservation
- Indigenous and Community Conserved Areas (ICCAs)

Field Trip to Hutsulshchyna National Park | 9.00 am

- Wildlife: Flora and fauna
- Protected Area Management
- Ecotourism

Night Stay: Hutsulshchyna NP

Technical Sessions Group-6

Mountain-Based Conventions; SDGs & Mountains; Mountain Sustainability

Core Faculties: Dr. Matej Ogrin (Slovenia); Prof. Kshitij Bansal (India)

Associate Faculties: Mr. Mykola Skydaniuk (Ukraine);

Tentative Topics

- Mountain-Based Conventions and its Effectiveness
- Discussion on Selected Conventions: Alpine Convention, Rome Convention on Sustainable Mountain Development, CBD and Mountains
- Carpathian Convention
- Sustainable Development Goals (SDGs)
- SDGs and Sustainable Mountain Development
- Issues of Mountain Sustainability
- Sustainable Mobility Issues for Mountain Regions
- Mountain Identity
- Bioeconomy in the Mountains
- Sustainable Energy in the Mountains
- Waste Collection and Management
- Challenges of Urbanization in Mountains
- Climate Change and Mountain Communities
- National Mountain Policies
- Initiatives of ICIMOD in Hindu-Kush Himalayas

Field Trip to Hutsulshchyna National Park | 3.00 pm

- Buffer Zone villages (Park-People Interface)

Field Trip to Suburb of Ivano-Frankivsk | 7.00 pm

- Rural-Urban Interface

Night Stay: Ivano-Frankivsk

Technical Sessions Group-7

Sustainable Agriculture; Organic Farming; Agro-Biodiversity

Core Faculties: Dr. Hafiz Muminjanov (Italy); Mr. K. Raghavendra Rao (India); Mr. Asan Alymkulov (Kyrgyzstan)

Associate Faculties:

Tentative Topics

- Principles of Sustainable Agriculture
- Conservation Agriculture, Protective Agriculture and Precision Agriculture
- Food and Fruit Production without using Chemicals
- Soil Fertility Management
- Green Manures, Biofertilizers, Organic Fertilizers
- Composting, Vermicomposting
- Weed Management in Organic Crops
- Integrated Pest Management
- Plant Diseases Management
- Biopesticides, Biocontrol Agents
- Organic Post Harvest Handling
- Certification Process and Standards of EU, USDA, NPOP, etc.
- Marketing of Organic Produce
- Biodynamic Agriculture and Permaculture
- Organic Farming Initiatives: e.g. IFOAM, FiBL, Biofach
- Agriculture Biodiversity
- Seed Selection, Seed Bank and Indigenous Seeds
- Cover Crops, Multi-storey Cropping
- Indigenous Foods and Traditional Varieties
- ITPGFRA and Farmers Rights
- Initiatives of Biodiversity International

Field Trip to Organic Farm

- B.....??

Night Stay: Ivano-Frankivsk

14 July 2020 | Dolyna District

Technical Sessions Group-8

Sustainable Tourism and Cultural Exchange & Excursion

Core Faculty: Dr. Lyudmila Arkhypova (Ukraine)

Field Facilitation: Vytvytsya United Rural Community (Mr. Mykola Nasovych)

Tentative Topics

- Welcome Program in Dolyna
- Environmental Impacts of Tourism
- Ecological Footprints and Carbon Footprints of Tourism
- Sustainable Tourism as Sustainable Livelihood
- Models of Sustainable Tourism and Ecotourism
- Model of Cultural Tourism: Case Study of Vytvytsya United Rural Community
- Traveling to Villages and Interaction with Cultural Groups
- Presentation of Cultural Artifacts by Villagers
- Lecture on Integration of Ecotourism and Local Cultures
- Performing Art Shows by members of Vytvytsya United Rural Community
- Reflection and Sharing by International Participants

Farewell Dinner & Graduation Ceremony | 7.00 pm

Night Stay: Ivano-Frankivsk

15 July 2020 | Ivano-Frankivsk

Departure

The participants will depart to catch their respective trains/flights

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