



GMBA NEWS – FEBRUARY 2019

Dear colleagues,

I hope the new year started brilliantly for all of you. We are looking forward to many joint activities.

With this first newsletter of the year, we are reaching out to each of you with a call for contributions:

News and paper highlights – help us keep the GMBA community up to date with what is happening in mountain biodiversity science! We highlight new papers once a week and update the website whenever something new comes up. Simply [drop us an email](#) when you publish a paper, a report, or anything that can be of interest or when you want to share a relevant news, information, announcement, etc....

Pictures – we are looking for pictures for our landing page and for our mountain portal. Each picture is associated with a location, an author, and copyrights.

- On our landing page: we publish a new picture of mountain (biodiversity) once a week. Check out our home page for examples and upload your pictures [here!](#)
- On the mountain portal: we are in the process of putting together a library of pictures for each of the >1050 mountain ranges displayed on the portal. Upload your mountain range pictures [here!](#)

When you upload pictures, please create a new folder of which the title should be your first and last name. Within the folder and for each picture, please provide a location (including latitude and longitude in decimal degrees if possible). The list of mountain ranges included in our inventory is available [here](#) but we welcome any mountain picture!

Profile update – To facilitate collaborations and our efforts to grow a dynamic network of mountain biodiversity scientists it is very important that you update your online profile and make it searchable via our new [network database search tool](#).

- If you have not yet done so, please take a few minutes to go through our [online registration form](#), update your information and opt in or out of displaying your profile online.
- If you know your profile is up to date but you do not show up online, you can change your status [here](#). Alternatively, you can also opt out of the online display using this same link.
- If you are not sure any longer if you already updated your profile, [check it online!](#)

NETWORK NEWS

Call for papers: Mountain Biodiversity and Sustainable Development

Mountain biodiversity provides billions of upland and lowland inhabitants with vital ecosystem services and sources of livelihoods. But it is increasingly under pressure. Mountain Research and Development is looking for papers that present validated insights into ways of managing mountain (agro)biodiversity sustainably so that it contributes to human wellbeing; that analyze interlinkages between mountain biodiversity, global change, ecosystems, and people; or that offer evidence-informed agendas for research or policymaking with regard to these interlinkages. **Deadline for abstract submission: 30.03.2019. Deadline for full papers: 16.08.2019.** [Read more...](#)

New volume of Mountain Research and Development: Food Security and Sustainable Development in Mountains

Four papers present opportunities and challenges for sustainable food systems worldwide and in Nepal, Pakistan, and Ladakh. Others explore the contribution of caterpillar fungus to livelihoods in India, the economics of walnut forests in Kyrgyzstan, dwarf pine cover in Slovakia, bacteriological characteristics of drinking water in Nepal, the impact of changing glacier conditions on mountaineering in New Zealand and of ski tourism on wildlife in Poland, and land use dynamics in the Argentinian puna. [Read more...](#)

Call for chapters: Mountain Landscapes in Transition

The book 'Mountain Landscapes in Transition: Effects of Land Use and Climate Change' is designed as an interdisciplinary publication, which critically evaluates developments in mountains of the world, with contributions from both social and natural sciences. Submissions of high-quality chapters (each between 10 and 20 pages) focusing on changing mountain environments in response to climate change and/or land use change are invited. Manuscripts may include empirical research, literature reviews, and evaluations of previously published research papers of single scholars or working groups. **Deadline for expressions of interest: 15.02.2019.** [Read more...](#)

FOR THE AGENDA

International Mountain Conference 2019

The IMC 2019 will take place 08 - 12 September 2019 in Innsbruck, Austria. It aims to build upon the three previous mountain conferences that took place in Perth, Scotland, continuing this special scientific conference series with a focus on mountain-specific topics. Hosted in the Alps, the IMC 2019 will provide an excellent opportunity for experts from different disciplines to come together and discuss mountain-related issues. GMBA will be co-leading a session on "[Mountain biodiversity and ecosystems under global change](#)" (Workshop 2.2.D) and one on "Long-Term Ecological Research (LTER) sites as monitoring networks - opportunities and challenges" (workshop 2.1.C). **Deadline for abstract submission: 14.02.2019.** [Read more...](#)

African Ecosystem Service Partnership Conference 2019: "Management of Ecosystem Services for Nature Conservation and Human Wellbeing in Africa"

The Ecosystem Services Partnership will be hosting its Africa regional conference in Togo, June 17-20, 2019. This conference will focus on the '*Management of Ecosystem Services for Nature Conservation and Human Wellbeing in Africa*' and is organized to draw attention to the key role ecosystems are playing in the development of the economy, human wellbeing and culture in (Sub-Saharan) Africa. GMBA will be co-leading a session on "African mountain biodiversity and the Sustainable Development Goals". **Deadline for abstract submission: 17.02.2019.** [Read more...](#)

Past plant diversity, climate change, and mountain conservation

The VULPES project of the Belmont Forum has collaborated in organizing the upcoming International Conference on Past Plant Diversity, Climate Change and Mountain Conservation that will be held in Ecuador, 11-15 March 2019. This international conference aims to evaluate the impact of climate change on mountain species, including analyses of montane systems globally and at scales ranging from communities to the gene. [Read more...](#)

NETWORK PUBLICATIONS

- Dong et al. (2019). The impacts of geographic, soil and climatic factors on plant diversity, biomass and their relationships of the alpine dry ecosystems: Cases from the Aerjin Mountain Nature Reserve, China. *Ecological Engineering* 127: 170-177 (DOI: [10.1016/j.ecoleng.2018.10.027](#))
- Faccioni et al. (2019). Socio-economic valuation of abandonment and intensification of Alpine agroecosystems and associated ecosystem services. *Land Use Policy* 81: 453-462 (DOI: [10.1016/j.landusepol.2018.10.044](#))
- Hardy et al. (2018). Afforestation and reforestation of walnut forests in southern Kyrgyzstan: An economic perspective. *Mountain Research and Development* 38(4): 332-342 (DOI: [10.1659/MRD-JOURNAL-D-17-00046.1](#))
- Izquierdo et al. (2019). Highlands in transition: urbanization, pastoralism, mining, tourism, and wildlife in the Argentinian Puna. *Mountain Research and Development* 38(4): 390-401 (DOI: [10.1659/MRD-JOURNAL-D-17-00075.1](#))
- Jones et al. (2019). Effect of protection status on mammal richness and abundance in Afromontane forests of the Udzungwa Mountains, Tanzania. *Biological Conservation* 229: 78-84 (DOI: [10.1016/j.biocon.2018.11.015](#))
- Krecek et al., (2019). Impacts of land use policy on the recovery of mountain catchments from acidification. *Land Use Policy* 80: 439-448 (DOI: [10.1016/j.landusepol.2017.10.018](#))
- Laha et al. (2018). Earning a livelihood from Himalayan caterpillar fungus in Kumaon Himalaya: Opportunities, uncertainties, and implications. *Mountain Research and Development* 38(4): 323-332 (DOI: [10.1659/MRD-JOURNAL-D-17-00063.1](#))
- Lehtikoinen et al. (2019). Declining population trends of European mountain birds. *Global Change Biology* 25(2): 577-588 (DOI: [10.1111/gcb.14522](#))
- Li et al. (2019). Treeline composition and biodiversity change on the southeastern Tibetan Plateau during the past millennium, inferred from a high-resolution alpine pollen record. *Quaternary Science Reviews* 206: 44-55 (DOI: [10.1016/j.quascirev.2018.12.029](#))
- Parobeková et al. (2018). Long-term changes in dwarf pine (*Pinus mugo Turra*) cover and growth in the Orava Beskid mountains, Slovakia. *Mountain Research and Development* 38(4): 342-353 (DOI: [10.1659/MRD-JOURNAL-D-18-00049.1](#))
- Scotton (2019). Mountain grassland restoration: Effects of sowing rate, climate and soil on plant density and cover. *Science of the Total Environment* 651: 3090-3098 (DOI: [10.1016/j.scitotenv.2018.10.192](#))
- Seta et al. (2019). Floristic diversity and composition of the Biteyu forest in the Gurage mountain chain (Ethiopia): implications for forest conservation. *Journal of Forestry Research* 30(1): 319-335 (DOI: [10.1007/s11676-018-0623-8](#))
- Szewczyk and McCain (2019). Disentangling elevational richness: a multi-scale hierarchical Bayesian occupancy model of Colorado ant communities. *Ecography* (DOI: [10.1111/ecog.04115](#))
- Terzi et al. (2019). Multi-risk assessment in mountain regions: A review of modelling approaches for climate change adaptation. *Journal of Environmental Management* 232: 759- 771 (DOI: [10.1016/j.jenvman.2018.11.100](#))

- Theissen et al. (2019). Environmental and socio-economic resources at the landscape level – Potentials for sustainable land use in the Georgian Greater Caucasus. Journal of Environmental Management 232: 310-320 ([DOI: 10.1016/j.jenvman.2018.11.024](https://doi.org/10.1016/j.jenvman.2018.11.024))
- Vieira et al. (2019). Ecological aspects of arbuscular mycorrhizal fungal communities in different habitat types of a Brazilian mountainous area. Ecological Research 34(1): 182-192 ([DOI: 10.1111/1440-1703.1061](https://doi.org/10.1111/1440-1703.1061))

MANAGE YOUR PROFILE

- [Update your profile](#)
- [Unsubscribe from the GMBA mailing list](#): you remain in our database but do not receive the newsletter any more
- [Unsubscribe from the GMBA network](#): this automatically removes you from our database and mailing list