DFFU-IAS BIOs

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http://www.gbif.org/newsroom/news/fitness-for-use-task-groups-announced
Title, Name, Affiliation
Photo
1 paragraph bio

Dr **Quentin Groom**, Botanic Garden Meise, Belgium

I am a researcher and informatician at a the Botanic Garden Meise. I am interested in the use and dissemination of biodiversity data; in the interactions between humans and nature and in finding evidence based strategies for conservation and management.

Doctor of Sci. (Ecology), Ph. D (mathematics modeling), **Varos G. Petrosyan,** *A.N. Severtsov* Institute of ecology and evolution, Russian Academy of Science, Moscow (SIEE RAS), Leader Group of 'Bioinformatics and modeling biological processes", *SIEE RAS,* Deputy editor of "Russian Journal of Biological Invasions"; Member of the International Committee NOBANIS (The North European and Baltic Network on Invasive Alien Species); Member of the RAS Commission on Biodiversity Conservation; deputy chairman of the section - informatization of the biodiversity research *SIEE RAS*.

General Scientific Interests: Ecology, molecular Biology, DNA variation in population, Statistical analysis of genetic and ecological data, Mathematical models, information systems, Data bases in biology and genetics, Methods of biodiversity assessment on the different level of biosystems, Processing of space monitoring data for studying large mammals in the arctic and boreal environments; the structural organization of biological systems of different levels of organization on the basis of multivariate analysis of diversity parameters.

Interests in the field of biological invasions: description of invasion process (theory, modeling, results of observations and experiments): invasion corridors, invasion vectors, invader species adaptations, vulnerability of aboriginal ecosystems; monitoring of invasion process (reports about findings of organisms out of the limits of natural range, propagule pressure assessment, settling dynamics, rates of naturalization); invasion risk assessment.

Associate Professor **John Wilson**, South African National Biodiversity Institute and Centre for Invasion Biology, Stellenbosch University

I am interested in how evolutionary and anthropogenic factors interact to shape the distribution of organisms, and the consequences for management and regulation. I am currently working on procedures and practices for identifying and responding to alien plant incursions, and developing indicators that can be used to report and monitor the state of biological invasions.

Shyama Pagad
IUCN SSC Invasive Species Specialist Group/ University of Auckland, New Zealand

I am the Programme Officer of the Invasive Species Specialist Group of the Species Survival Commission of the International Union for Conservation of Nature IUCN SSC ISSG, and a member of the World Commission on Protected Areas WCPA of the IUCN. A key area of my

interest is the provision of reliable and current data and information related to the threat and management of biological invasions, in ready-to-use functional formats, to our stakeholders.

Melodie A. McGeoch, Associate Professor, School of Biological Sciences, Monash University, Clayton 3800, Australia; E-mail: melodie.mcgeoch@monash.edu; Homepage: www.melodiemcgeoch.org; Google Scholar: https://scholar.google.com.au/citations?hl=en&authuser=1&user=mawTsz4AAAAJ

My research integrates spatial ecology with understanding global change impacts on biodiversity, and with the development of bioindicator systems. I am interested in models and methods for quantifying and predicting biodiversity patterns, and the use of these for addressing conservation problems. This includes global to local scale indicators of biological invasion, quantifying and estimating species range, abundance and diversity turnover, prioritization for biological invasion and essential biodiversity variables for invasion monitoring.