

Poster Presentation List

- 1- Multimodelling research for the ecosystem of Bering Sea.**
Abakumov, A. and E. Giricheva
- 2- Modeling and mapping topographic variations in forest soils at high resolution: a case study.**
Bhatti, J.S., P.N.C. Murphy, M. Castonguay, J. Ogilvie and P. Arp
- 3- Range patterns help predict plant species' response to climate change.**
Beauregard, F. and S. de Blois
- 4- Crown physiology and process-based modelling in hybrid poplar.**
Benomar, L., A. DesRochers and G.R. Larocque
- 5- How to guide sustainable industry economy: Emery account for the resources input in China's industry.**
Bo, Z., B. Chen and G.-Q. Chen
- 6- Biomod and s'amp – two platforms for ensemble forecasting of species distributions and abundances used in the cc-bio project.**
Casajus, N., M.-C. Lambert, C. Périé, S. de Blois and D. Berteaux
- 7- Dissolved organic carbon and N dynamics in forest streams, in relation to geospatial and hydrothermal controls.**
Castonguay, M., T.A. Clair and P.A. Arp
- 8- Modelling tree distribution and abundance in eastern north america in response to climate change.**
Chambers, D., C. Périé, N. Casajus and S. de Blois
- 9- Ecological footprint account of Beijing with input-output analysis in 2002.**
Chen, H., B. Chen and G.-Q. Chen
- 10- 3-D water quality model in the semi-enclosed small bay.**
Choi, Y. and Y. Ro
- 11- Analysis of Climate Change Impact on the Vertical Temperature Profiles in the Lake.**
Choi, J.H., J. Lee, B. Ki and B. Lim
- 12- The agro climatic analysis of salix (*Salix Vilimalis*) phytomass production in Danubian Lowland.**
Ěimo, J., F. Špánik, D. Igaz, J. Horák, L. Maderková and K. Kalúz

- 13- Exergy-based materials flows analysis of fossil fuels in China during 2000-2007.**
Dai, J. and B. Chen
- 14- Numerical simulation of admixtures' dispersion processes in the Black Sea.**
Demetrashvili, D.I. and A.A. Kordzadze
- 15- Positional importance of species in ecosystems: considering direct and indirect effects through a network environ analysis approach.**
Fann, S.L. and S.R. Borrett
- 16- Rad biodiversity: prediction of rank abundance distributions.**
Foster, S.D. and P.K. Dunstan
- 17- Numerical study on the aquaculture carrying capacity in a typical raft culture bay of China.**
Hao, W., J. Shi and L. Zhao
- 18- Modeling of conventional tillage and no tillage management practices and their effects on various fluxes of carbon (C) and nitrogen (N) in agroecosystem of selected site in Slovak Republic.**
Horák J., Z. Lehocká, Š. Žák, K. Kováè, D. Igaz and J. Èimo
- 19- Effect of the saturated hydraulic conductivity measurement method on soil moisture simulation.**
Igaz D., I. Tóthová, J. Horák, J. Èimo and K. Kalúz
- 20- Predicting the spatial distribution of suitable conditions for wetland plant species in response to climate change.**
James, N., M. Darveau and S. de Blois
- 21- Emergy-based materials flows analysis of a typical biodiesel production chain in China.**
Ju, L. and Bin Chen
- 22- Ecosystem network analysis indicators are generally robust to parameter uncertainty in a phosphorus model of Lake Sidney Lanier, USA.**
Kaufman, A.G. and S.R. Borrett
- 23- Designing and analysis of forest pest's population simulation models.**
Kovalev A. and V. Soukhovolsky
- 24- Forest succession modelling in three southeastern Canadian forest types using the ZELIG-CFS gap model.**
Larocque, G.R., L. Archambault and C. Delisle

- 25- Functional connectivity among populations? Landscape genetics of the European tree frog in Switzerland.**
Le Lay G., S. Angelone, F. Kienast, J. Bolliger and R. Holderegger
- 26- Clinoptilolite Adsorption Capability of Ammonia in the Pig Farm.**
Li, X., N. Duan, C. Lin and W. Yang
- 27- Modelling the fate of litter nitrogen dynamics at reclaimed and virgin islands in Sundarban mangrove ecosystem.**
Mandal, S., S. Ray, J. Mukherjee and P. Bhusan Ghosh
- 28- Spatio-temporal modeling of vegetation development in mountain spruce forests.**
Matejcek, L., E. Vavrova and P. Cudlin
- 29- Sensitivity Analysis of Lattice Model for Plant Population Dynamics.**
Mikhailova, N. and A. Komarov
- 30- Forest Zoning. 1. Comparison of two methods for the correction of growth inhibition of sample trees for Site Index (SI) estimates.**
Miron, S., M. Riopel, V. Laflèche, F. Müssenberger, J. Bégin and J.-P. Saucier
- 31- Forest Zoning. 2. Elaborating a model estimating site indices for the main tree species of Quebec.**
Miron, S., M. Riopel, V. Laflèche, F. Müssenberger, J. Bégin and J.-P. Saucier
- 32- Forest zoning : 3- Basal area increment models for trees growing in uneven-aged forest stands in Québec: an interesting tool for estimating site productivity.**
Périé, C., M.-C. Lambert and L. Duchesne
- 33- Investigating the likely impacts of climate change in a shallow sub-tidal marine ecosystem using system dynamics modelling.**
Murphy, T., M. Emmerson, M., B. O'Regan and R. Moles
- 34- Ecological risks of oil-gas industry: East Siberian case.**
Nesterenko, E. and V. Soukhovolsky
- 35- Climate change, protected areas and biogas**
Neupane, Dinesh
- 36- Relating Biodiversity and Landscape Spatial Patterning with Land Ownership Regimes in Northeastern Mexico.**
Ortega-Huerta, M.A.

- 37- Simulation of red gum lerp psyllid *Glycaspis brimblecombei* population dynamics to develop a strategy for biological control by the parasitoid *Psyllaephagus bliteus*.**
Pessoa, M.C.P.Y., L.A. Nogueira de Sá, J.Y. Kodaira, C. F. Wilcken and G. Ribeiro de Almeida
- 38- Carbon and water quality implications associated with crop stover removal in eastern Iowa, USA.**
Powers, S.E., J.C. Ascough II and R.E. Nelson
- 39- Modelling the dynamics of dissolved organic matter at Sagar island in Hooghly-Matla estuary, India.**
Ray, S., S. Mandal, S. Mandal and J. Mukherjee
- 40- Dynamic modeling of dissolved oxygen in the Aljezur coastal stream (Portugal).**
Rodrigues, M., A. Oliveira, H. Queiroga, M. Guerreiro, A.B. Fortunato, A. Cravo, M. da C. Freitas, J. Menaia and I. Dodkins
- 41- Conceptual and Bayesian networks: two new methodologies to analyze the provision of ecosystem services in agroecosystems.**
Rositano, F. and D.O. Ferraro
- 42- Modeling a Trophically Balanced Thermodynamic Economy: Considerations of Energy Networks in a Fossil Energy Free Economic and Corresponding Ecological System.**
Schramski, J.R., D.K. Gattie, Z. Rutz and J. Rabe
- 43- Modelling the decomposition and N mineralization in ramin wood dowels (*Gonystylus bancannus*) using a common climate function for the LIDET sites across the USA.**
Smith, A.C., J.S.Bhatti, M.E. Harmon and P.A. Arp
- 44- Assessing the risk of invasion by common reed (*Phragmites australis*) in a protected wetland.**
Taddeo, S. and S. de Blois
- 45- Predicting and mapping under climate change scenario, the potential redistribution of malaria vectors in Africa: Informing malaria control programmes.**
Tonnang, H.E.Z., R. Kangalawe, M. Tumbo, E. Kalumanga and P. Yanda
- 46- Method for tracking the initial reactions of boreal forest soils to global warming.**
Tremblay, S., C. Périé, D. Houle and D. Paré

47- COSMOS, an individual-based model to improve spatial management of *Cosmopolites sordidus*.

Vinatier, F. and P. Tixier

48- Modeling of pheromone search of forest lepidopterous insects.

Volkova, P.E., A.V. Kovalev, T.M.Ovchinnikova and V.G. Soukhovolskii

49- Seasonal Environmental-flow Demand Calculation of Reed Community (*Phragmites australis* var. *baiyangdian*) under Different Meteorological Conditions in the Baiyangdian lake, China.

Wang, Q., Z. Yang and J. Liu

50- Maximum feasible water diversion from a river with the consideration of riverine ecosystem protection.

Yin, X. and Z. Yang

51- Changes in ecological niches composition in the course of plant succession.

Zubkova E. and A. Komarov