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She is member of Council of Science of the Bosnia and Herzegovina and Member of Program Committee of Bosnia and Herzegovina in EU program Horizon 2020 for Programme Climate change, Environment, Efficiency of Resources and Raw Materials. Also, she is Alumna of JFDP programme of the Bureau of Educational and Cultural Affairs of USA in area of Land degradation and conservation.

Dr. Kapović Solomun has broad international and national experience in scientific projects, as leader or expert for soil, land degradation and forestry, who published significant number of scientific papers. She is Management Committee member of European Cooperation of science and Technology COST Actions CA18135 „Fire in the Earth System: Science & Society“, ES1306 “Connecting European connectivity research”; FP1304 “Towards robust projections of European forests under climate change” and CA16209 “Natural Flood Retention on Private Land”.

Marijana Kapović Solomun is founder and President of Association for women’s empowerment and nature protection “Mother Nature”, President of Board Members “United States Alumni Association of Bosnia and Herzegovina”, and Vice President of “Association of Forestry Engineers „EcoForest”.

PUBLICATIONS

Peer reviewed papers

Kostadinov, S., Tošić, R., Hrkaločić, D., Nikolić, S., Sudar, N., **Kapović Solomun, M.**, Dragičević, S., Momirović, N., Cupać, R., Bosankić, G. & Bundalo, S. 2019. Erosion control in the function of flood risk mitigation in Vrbas river watershed, Republic of Srpska, Vodoprivreda 0350-0519, Vol. 51 (2019) No. 300-302 p. 211-224

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Melisa Ljusa , Carla Sofia Ferreira, Marco Cavalli, Hannu Marttila, Manuel Esteban Lucas Broja, Jolanta Swięchowicz, David Zumr and the Connecteur expert Team (2016): Stakeholder analysis of perceived relevance of connectivity – the implication to your research, Geophysical Research Abstracts Vol. 18, EGU General Assembly 2016, Vienna.

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Stanivuković, Z., Govedar, Z., Kapović, M., Hrkić, Z. (2010): Climate change impact on forest vegetation in the Republic of Srpska, International Scientific Conference “Forest ecosystem and climate changes”, Institute of forestry, March, 9 - 10th , Belgrade.

INTERNATIONAL PROJECTS UNDP/GEF/Institute for water resource: “Conceptual design of protection from flash floods in the urban centre and conurbation of the city of Banja Luka”, 2020, Leading expert for Forestry and Soil.

UNCCD/Global Mechanism: National Drought Management Plan for Bosnia and Herzegovina, 2019-2020., Coordinator and Leading expert.

UNEP/GEF, ENOVA/Mother Nature „Revision of environmental components for the Environmental Report of Bosnia and Herzegovina, 2019, Project coordinator.

UNDP/GEF/Institute for water resource: "Technology transfer for climate resilient flood management in Vrbas River Basin", 2019. Leading expert for Forestry and Soil.

ERASMUS Capacity Building in Higher Education K2 "Soil Erosion and Torrential Flood Prevention: Curriculum Development at the Universities of Western Balkan Countries - SETOF), 2018-2021. Project coordinator for University of Banja Luka, Faculty of Forestry.

FAO/Mother Nature Association "Be Solution to Solve Pollution", 2018. Project coordinator.

FAO/GEF "DS-SLM Decision Support for Mainstreaming and Scaling up of Sustainable Land Management", 2017-2019. Leading expert for Forestry and Soil.

GEF/UNCCD/CCD/16/GM/14 "Land Degradation Neutrality (LDN) target setting in Bosnia and Herzegovina", 2016-2018. Leading expert.

World bank group/Financial corporation "Improvement of investment climate in Sokolac Municipality", 2016. Leader of working group.

UNEP/GEF „Support for Bosnia and Herzegovina for National Action Programs development according to 10 years Strategy of United Nations Convention against desertification (UNCCD)", 2013-2015. Leader of group of experts.

The Management committee member of following COST Actions:

COST Action CA18135 „Fire in the Earth System: Science & Society" The Management committee member from Bosnia and Herzegovina (2019-2023).

Cost Action CA16209 "Understanding and modelling compound climate and weather events (DAMOCLES)", 2018-2022.

Cost Action CA16209 "The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection" 2018-2022.

Cost Action CA16209 "Natural Flood Retention on Private Land", 2017-2021.

Cost Action COST action FP 1204 "Green Infrastructure approach: linking environmental with social aspects in studying and managing urban forests". 2014-2018.

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COST Action ES1306 "Connecting European connectivity research" (2014-2018);

COST Action FP1304 "Towards robust projections of European forests under climate change (PROFOUND)", 2014-2018.

NATIONAL PROJECTS

Project leader

State of land resources and sustainable management for flood prevention, 2019, Funded by: Ministry of Scientific-Technological Development, Higher education and Information society of the Republic of Srpska.

"Possibility of flood prevention in the Sava river watershed, and application of modern methods according to experience of developed countries" 2019, Funded by: Ministry of Scientific-Technological Development, Higher education and Information society of the Republic of Srpska.

"Possibility of phytoremediation of contaminated soils in urban areas of the Republic of Srpska", 2019. Funded by: Ministry of Scientific-Technological Development, Higher education and Information society of the Republic of Srpska.

"Collection and usage of packaging waste in Teslić Municipality" 2018. Funded by: Fond for environment protection and energy efficiency of the Republic of Srpska.

"Transparency in the sector of Forestry in the Republic of Srpska" 2016. Funded by United States Embassy in the Bosnia and Herzegovina.

"Collecting and usage of waste in sarajevsko-romanijski region" 2016. Funded by: Fond for environment protection and energy efficiency of the Republic of Srpska

"The establishment of an integrated system of waste collection and separation as a measure for environmental protection in Sokolac municipality" 2015. Funded by: Fond for environment protection and energy efficiency of the Republic of Srpska.

„Improvement of cooperation with diaspora, trough modernisation of local communities by introducing e-government“ 2015, Funded by: Ministry of Refugees and Displaced Persons of Bosnia and Herzegovina.

"Let's protect our environment- Let's recycle" 2014. Funded by Czeck Republic Development Agency.

“Plantation of marigold (*Callendula officinalis*) and chamomile (*Chamomilla officinalis*) as the possibility of self-employment of rural women” 2013. Funded by FIGAP and Gender Center in Government of the Republic of Srpska.

“Production potential of Forest soil in Forest economic area “Visočnik” Han Pijesak” 2012. Funded by Ministry of Agriculture, Forestry and Water resources of the Republic of Srpska.

“Promotion of rural tourism in Šekovići municipality” 2011. FIGAP and Gender Center in Government of the Republic of Srpska.

“State of Forest soils and vegetation of Javor mountain in the Republic of Srpska – protection as a basis for improvement of Environment condition”, 2010. Funded by Fond for environment protection and energy efficiency of the Republic of Srpska.

Expert for Soil and Forestry

Research of quality of eteric oil in wood greenery and cones from the area of the Republic of Srpska, 2020. Funded by: Ministry of Scientific-Technological Development, Higher education and Information society of the Republic of Srpska.

„Possibilities for improvement of forest use trough biomass production as renewable source of energy“ 2016. Implementer: Asociation of forestry engineers EcoForest. Funded by: Fond for environment protection and energy efficiency of the Republic of Srpska.

„Flora of the Republic of Srpska“ 2016. Implementer: Faculty of Forestry Banja Luka, Funded by Ministry of Science and Technology of the Republic of Srpska.

„Research of forest dying in the Republic of Srpska“ 2016. Implementer: Faculty of Forestry Banja Luka, Funded by Ministry of Agriculture, Forestry and Water resources of the Republic of Srpska.

“Waste biomass from wood processing plants in western part of the Republic of Srpska - overview and potential” 2016. Implementer: Asociation of forestry engineers EcoForest. Funded by: Fond for environment protection and energy efficiency of the Republic of Srpska.

“Heavy metal’s content in Soil on ultrabasic parent rocks-vegetation as potential remediator” 2012. Funded by Ministry of Science and Technology of the Republic of Srpska.

“Podzols and their Vegetation in the Republic of Srpska” 2012. Funded by Fond for environment protection and energy efficiency of the Republic of Srpska.

“Analysis of sedimentation in Drenova accumulation - assessment of vulnerability from erosion processes” 2011. Funded by Ministry of Science and Technology of the Republic of Srpska.

“Genetic diversity and morpho - pomological variability of chestnut populations in B&H” 2011. Institute for genetic resources University of Banja Luka.

“GIS database of potential Protected areas in the Republic of Srpska” 2011. Funded by Ministry of Science and Technology of the Republic of Srpska.

“Care of Spruce plantations in order to increase the quantity and quality of yield”, Expert, 2011. Funded by Ministry of Science and Technology of the Republic of Srpska.

“Indirect conversion and reconstruction coppice beech forests in the higher training system” 2009. Funded by World Bank.

“Isolation of water protective areas Veselinovac i Tisovac” 2008. Funded by Ministry of Agriculture, Forestry and Water resources Republic of Srpska.

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“Possibility for establishment of Protected area Klekovača – Lom” 2008. Funded by World Bank.

“Soil characteristics of the Tinja river basin” 2007. Funded by Ministry of Science and Technology Republic of Srpska.

“Assessment of biodiversity and forest’s ecosystems state of Vučevo Mountain” 2007. Funded by Ministry of Agriculture, Forestry and Water resources Republic of Srpska.

“Ecological base for Strategy of Forestry development of the Republic of Srpska” 2006. Funded by Ministry of Agriculture, Forestry and Water resources Republic of Srpska.

“Monitoring of soil fertility in nurseries of the Republic of Srpska” 2006. Funded by Ministry of Agriculture, Forestry and Water resources Republic of Srpska.