



1st International Symposium

Soils of Marginal Lands – Definition, Assessment and Land Use Options

25 April 2017 | Poster Session SSS2.10 EGU Vienna

Display time 8.00 – 19.30

Attendance time 17.30 – 19.00

Chair: Federica Barbera, Wibke Baumgarten, Werner Gerwin, Diego Mattioli

Posters from the SEEMLA Project

1	EGU2017-2046	Federica Barbera, Wibke Baumgarten, and Vincent Pelikan	Sustainable biomass production on Marginal Lands (SEEMLA)
2	EGU2017-7904	Vadym Ivanina, Wibke Baumgarten, and Oleksandr Hanzhenko	Biomass production on marginal lands – catalogue of bioenergy crops
3	EGU2017-18761	Wibke Baumgarten and Birger Kerckow	SEEMLA: 'Filling the gap' – The Future of bioenergy in the EU and the role of biomass from marginal lands
4	EGU2017-4484	Nikitas Fragkiskakis, Fotios Kiourtsis, Dimitrios Keramitzis, Ioannis Papatheodorou, Margarita Georgiadou, Frank Repmann, and Werner Gerwin	The Importance of Seedlings Quality in Timber and Bio-energy Production on marginal lands
5	EGU2017-4037	Fotios Kiourtsis, Dimitris Keramitzis, Ioannis Papatheodorou, Dimitra Tsoulakaki, Marina Gontzaridou, Eugenia Lampetsou, Nikitas Fragkiskakis, Werner Gerwin, Frank Repmann, and Wibke Baumgarten	Marginal sites in for biomass production – case study sites in northern Greece. Obstacles and solutions
6	EGU2017-18840	Werner Gerwin and Frank Repmann	Soil properties of selected marginal lands in Europe – hazard indicators
7	EGU2017-19068	Nils Rettenmaier, Tobias Schmidt, Sven Gärtner, and Guido Reinhardt	Life Cycle Assessment of Bioenergy from Lignocellulosic Crops Cultivated on Marginal Land in Europe



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Project coordinator

Partner



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GENERAL DIRECTORATE OF FORESTS & RURAL AFFAIRS



Land use potentials of marginal lands

8	EGU2017-1902	Aline Clalüna, Wibke Baumgarten, Daniel García Galindo, Klaus Lenz, Jan Doležal, Federico De Filippi, Joaquín Lorenzo, and Louis Montagnoli	The greenGain project – Biomass from landscape conservation and maintenance work for renewable energy production in the EU
9	EGU2017-18777	Diego Piedra Garcia and Wibke Baumgarten	ISABEL Triggering Sustainable Biogas Energy Communities through Social Innovation
10	EGU2017-1887	Moritz Nabel, Hendrik Poorter, Vicky Temperton, Silvia D Schrey, Robert Koller, Ulrich Schurr, and Nicolai D Jablonowski	Energizing marginal soils: A perennial cropping system for <i>Sida hermaphrodita</i>
11	EGU2017-11835	Stefan Lukas, Markus Theiß, and Kerstin Jäkel	Sorghum - An alternative energy crop for marginal lands and reclamation sites
12	EGU2017-6525	Yuriy Tsapko, Karina Desyatnik, and Alyona Kholodna	Cultivation of energy crops on degraded drained lands as an effective way of improving of their agriecological state
13	EGU2017-7728	Stefan Schrader, Quentin Schorpp, Anna Lena Müller, and Jens Dauber	Agro-ecological potential of the cup plant (<i>Silphium perfoliatum</i> L.) from a biodiversity perspective
14	EGU2017-18010	Mark Bartlett, Samantha Hartzell, and Amilcare Porporato	Biofuel crops with CAM photosynthesis: Economic potential on moisture-limited lands
15	EGU2017-18851	Claudia Oehmke, Tobias Dahms, Sabine Wichmann, and Wendelin Wichtmann	Paludiculture on marginal lands – sustainable use of wet peatlands
16	EGU2017-6583	Werner Gerwin and Wolfgang Schaaf	Potentials of marginal lands – spontaneous ecosystem development
17	EGU2017-4003	Florian Hirsch, Marieke van der Maaten-Theunissen, Ernst van der Maaten, Anna Schneider, Alexandra Raab, and Thomas Raab	Soil physics and chemistry at a medieval ridge and furrow site in northeastern Germany
18	EGU2017-7398	Andrea Ziesemer, Andreas Gurgel, and Ines Bull	Economics of plant production on marginal sites in the state Mecklenburg-Western Pomerania
19	EGU2017-18940	Wibke Baumgarten, Boris Vashev and the VERAM Consortium	VERAM - Vision and Roadmap for European Raw Materials

Remediating marginal lands

20	EGU2017-17760	Franz Kirchmeyr and Manfred Szerencsits	Cover-crops – improvement of soil fertility and provision of biomass
21	EGU2017-4338	Steffi Schillem, Bernd-Uwe Schneider, Uwe Zeihser, and Reinhard F. Hüttl	Application of N-modified lignite and activated biochar to increase growth of summer wheat on nutrient-poor sandy soil
22	EGU2017-12570	Katja Boldt-Burisch and M. Anne Naeth	The influence of arbuscular mycorrhizae on root precision nutrient foraging of two pioneer plant species during early reclamation
23	EGU2017-6409	Tsvetelina Dimitrova, Frank Reppmann, and Dirk Freese	Remediation of cyanide-contaminated industrial sites through woody biomass production
24	EGU2017-15488	Diana-Maria Seserman, Maik Veste, and Dirk Freese	Optimisation of biomass productivity of black locust (<i>Robinia pseudoacacia</i> L.) on marginal lands – a case study in Lower Lusatia, NE Germany