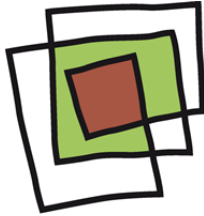




Projects of the NRP 68

N°	Responsible Applicant	Title	Institute
143026	Abiven Samuel	How vulnerable is Swiss soil organic matter to climate and land use changes?	Universität Zürich
143144	Duffy Brion	Protecting soil as a safe resource: Antibiotic resistome metagenomics and impact of land use on resistance dynamics	Forschungsanstalt Agroscope Changins-Wädenswil, Wädenswil
143023	Eglinton Timothy	Molecular and radiocarbon sentinels of soil organic matter vulnerability	ETH Zürich
143137	Gattinger Andreas	Structure and function of N ₂ O producing and reducing microbial communities as influenced by soil management	Forschungsinstitut für biologischen Landbau, Frick
143122	Graf Frank	Soil stability and natural hazards: from knowledge to action	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft, Davos
143092	Grêt-Regamey Adrienne	OPSOL: Matching soil functions and soil uses in space and time for sustainable spatial development and land management – operationalizing cross-scale interactions in a virtual collaborative decision support system	ETH Zürich
143025	Hagedorn Frank	SOM control - Controls on soil organic matter in Swiss forest soils: The impact of forest productivity, land-use history, climate and physico-chemical stabilization	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft, Birmensdorf
143062	Keller Armin	An integrated modelling framework to monitor and predict trends of agricultural management and their impact on soil functions at multiple scales (iMSoil)	Forschungsanstalt Agroscope Reckenholz-Tänikon, Reckenholz
143061	Keller Thomas	Biophysical processes controlling restoration of compacted soil structure - long-term soil structure observatory	Forschungsanstalt Agroscope Reckenholz-Tänikon, Reckenholz



N°	Responsible Applicant	Title	Institute
		and mechanistic studies	
142996	Kienast Felix	Controlling urban sprawl to limit soil consumption (SPROIL)	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft, Birmensdorf
143145	Leifeld Jens	Sustainable management of organic soils	Forschungsanstalt Agroscope Reckenholz-Tänikon, Reckenholz
143141	Maurhofer Bringolf Monika	Sustaining and improving soil health with plant-beneficial bacteria	ETH Zürich
143060	Mayer Jochen	Agricultural management and below ground carbon inputs - sustaining soil quality	Forschungsanstalt Agroscope Reckenholz-Tänikon, Reckenholz
143057	Nahrath Stéphane	Towards a more sustainable management of soil resources by redistribution of economic and ecological added and reduced values	Institut universitaire Kurt Bösch, Sion
143096	Papritz Andreas Jürg	PMSoil: Predictive mapping of soil properties for the evaluation of soil functions at regional scale	ETH Zürich
143136	Rist Stephan	Sustainable soil governance and large scale land acquisitions originating in Switzerland	Universität Bern
143063	Streit Bernhard	Cover crops for conservation agriculture (CC4CA)	Berner Fachhochschule, Zollikofen
143065	Turlings Théodoor	Applications of entomopathogenic nematodes for a sustainable control of soil insect pests	Université de Neuchâtel
143097	Van der Heijden Marcel	Recruitment limitation in soil? Restoring soil ecosystem functioning and sustainability by introducing below ground mutualists	Forschungsanstalt Agroscope Reckenholz-Tänikon, Reckenholz