



ISRIC
World Soil Information



ISRIC Spring School 2018

Hands-on Digital Soil Mapping

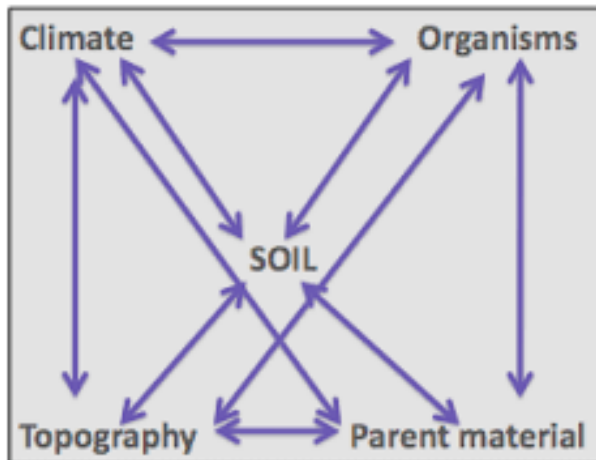
Gerard Heuvelink



What is digital soil mapping?

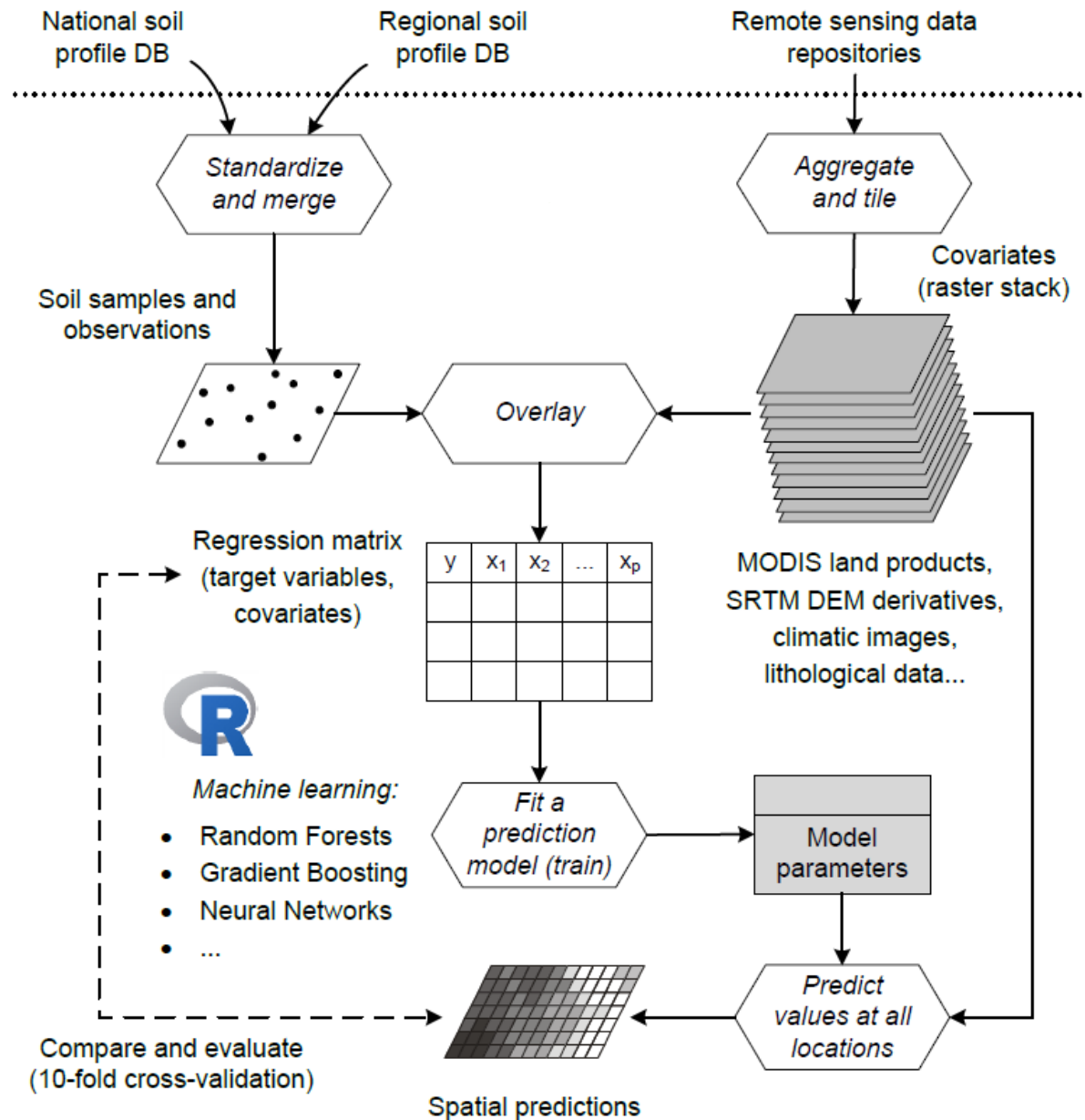


Digital Soil Mapping (DSM) = computer-assisted production of digital maps of soil type and soil properties, by use of mathematical and statistical models that **combine** information from **soil observations** with information contained in correlated environmental variables ('**covariates**')



The screenshot shows the Wikipedia article for "Digital soil mapping". At the top, there's a navigation bar with links for "Not logged in", "Talk", "Contributions", "Create account", and "Log in". Below this is a search bar and tabs for "Article" and "Talk". The article title "Digital soil mapping" is prominently displayed, followed by the subtitle "From Wikipedia, the free encyclopedia". The main text of the article begins with "Digital Soil Mapping (DSM) in soil science, also referred to as predictive soil mapping^[1] or pedometric mapping, is the computer-assisted production of digital maps of soil types and soil properties. Soil mapping, in general, involves the creation and population of spatial soil information by the use of field and laboratory observational methods coupled with spatial and non-spatial soil inference systems." Below the text, there's a section for "Contents" with a "[hide]" link, listing "1 Ambiguities", "2 See also", "3 References", and "4 External links". On the left side of the article, there's a sidebar with the Wikipedia logo and a list of links including "Main page", "Contents", "Featured content", "Current events", "Random article", "Donate to Wikipedia", "Wikipedia store", "Interaction" (with links for "Help", "About Wikipedia", "Community portal", "Recent changes", "Contact page"), and "Tools" (with links for "What links here", "Related changes", "Upload file").

Digital soil mapping scheme

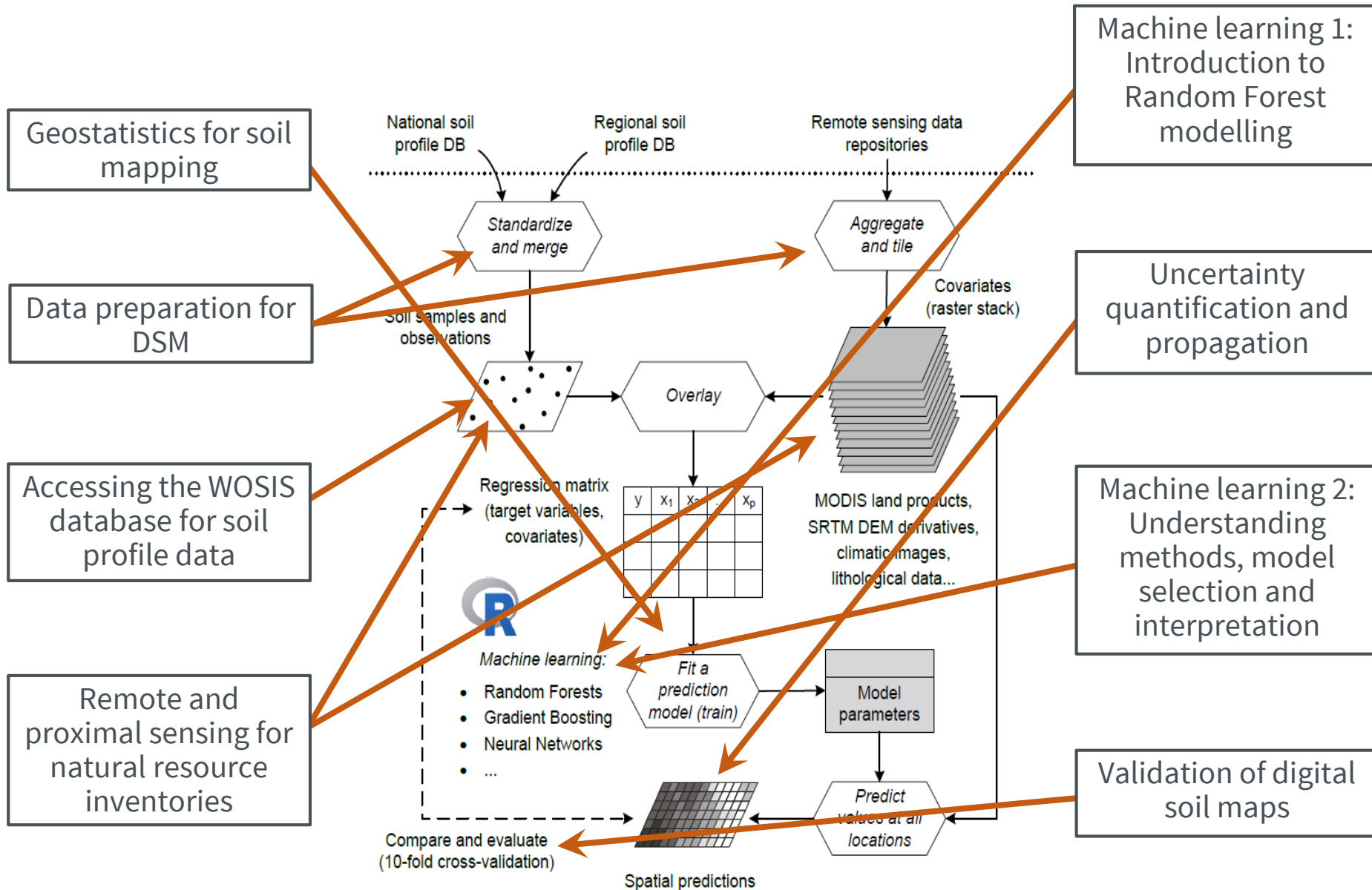


Check course website for programme and materials (also after the course)



<http://www.isric.org/utilise/capacity-building/springschool/dsm>

Course core modules



Friday interactive workshop, 8 presenters:



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- Ruhollah Taghizadeh-Mehrjardi
 - Charlotte Wilczok
 - Anatol Helfenstein
 - Fabio Delle Grazie
 - Melakebirhan Adugna
 - Fapeng Yan
 - Gilles Colinet
 - Jerome Kimara



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Work hard and Enjoy!



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