

Ricerche ed esperienze in Sistemazioni Idraulico-Forestali

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IL RISCHIO IDROGEOLOGICO «DIFFUSO»



GLI STRUMENTI DI RICERCA

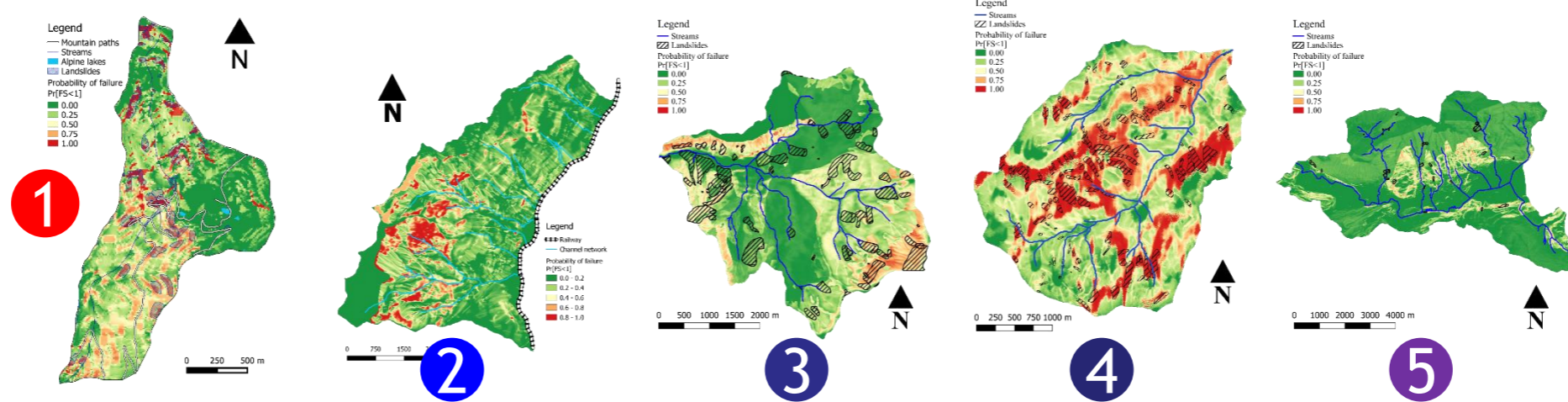


MODELLAZIONE E RISULTATI

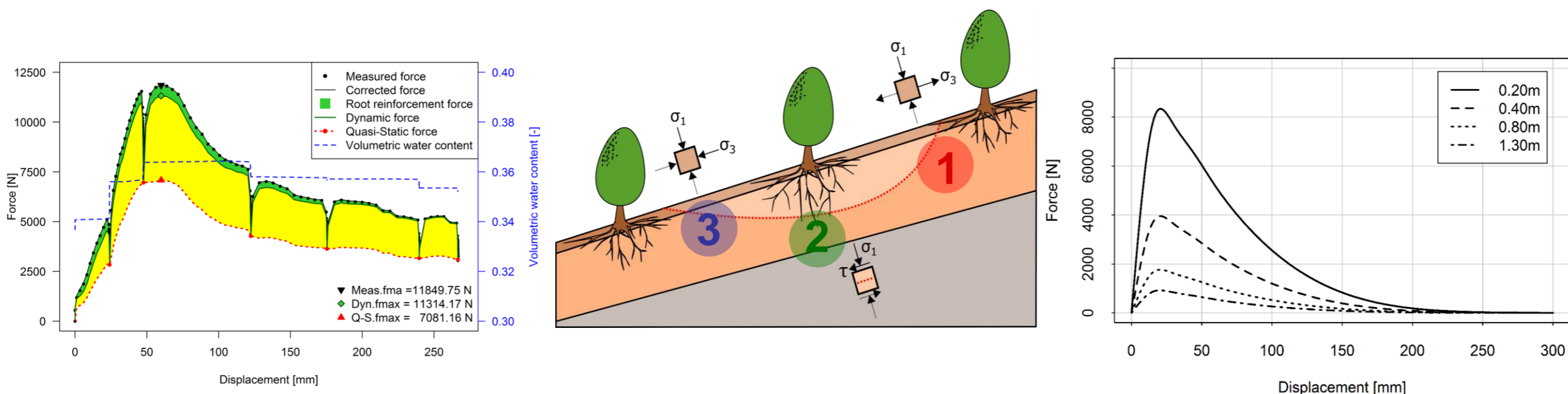
PRIMULA MODEL

3D SLOPE STABILITY ANALYSIS

MONTE CARLO SIMULATION



Fondazione CARIPLO



Publicazioni:
 Cislaghi, A., Chiaradia, E.A., Bischetti, G.B. 2017. Including root reinforcement variability in a probabilistic 3D stability model. *Earth Surface Processes and Landforms*, 42(12), 1789–1806.
 Cislaghi, A., Rigon, E., Lenzi, M.A., Bischetti, G.B. 2018. A probabilistic multidimensional approach to quantify large wood recruitment from hillslopes in mountainous-forested catchments. *Geomorphology*, 306, 108–127.
 Cislaghi, A., Bischetti, G.B. 2019. Source areas, connectivity, and delivery rate of sediments in mountainous-forested hillslopes: A probabilistic approach. *Science of The Total Environment*, 652, 1168–1186.
 Giupponi, L., Borgonovo, G., Giorgi, A., Bischetti, G.B., 2018. How to renew soil bioengineering for slope stabilization: some proposals. *Landscape and Ecological Engineering*, 15, 1-14.



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