RESEARCH GROUP^{ww.list.lu/en/environment/environmental-sensing-and-modelling/group/remote-sensing-and-natur} al-resources-modelling-group/

Remote Sensing and Natural Resources Modelling



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research challenges Or resonanchine wird south franchine an applied gestions robust to
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This Includes research on: Measurements Toronges of data subjects: Synoppistic use of vicibility, near- and shorkape-infrared (FMI) and increases measurements for minologing Earth's subject resources * Data seministics: Development of the fore-purpus assimilation frame matching the effective instructor and subject of the subject su
We rely on our long datafolie generative in mende sensing, satellifie and termstrik communication services and environmental modelling be carry out research in the thematic areas of
PRECISION AGRICULTURE & VITICULTURE, FORESTRY AND VEGETATION We leverage ED and R5-based information for gaining a better understanding of fundamental functions of agroecosystems and forests. The effects of global change call for new decision and management support bools (e.g., precision agriculture and viticulture).
LAND SURFACE PROCESSES AND VEGETATION WATER CYCLE We rely on scientific and technical E0 and R5-based involvedge for galaxing a better understanding of Land Surface Processes. For investigating exo-hydrological extremes in a non-dationary contact, we focus on biosphere-atmosphere interactions at multiple spatio-temporal scales.
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Precision Sequence Vencine Precision Security Security and Vencine Natural Resources (adding with sequention) Natural Resources (adding with sequention) Natural Resources (adding with sequention)
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Selected publications
2021 • Scambiton of probabilities: food mosts from SAX data into a coupled hydrologic-historialis proved of concept. Di Mauro, C. Historiche, R., Matgen, P., Pelich, R., Chini, M., van Leevenen, P. J., Nichels, N. K. & Bitch, G. (2021). Hydrot: Earth Syst. Sci., 25, 4081-4097
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• "Address for the or a finance force or a finance force interes force
2017
A Literarchical Soft Baser Approach for Phonenetics Thresholding of SAE Impact Read Inducations as a Tail Case. W. Chris, R. Hostacche, L. Giustarini and P. Magne, (2017), published in EEE Transactions on Generations and Reinde Sensing, vol. 55, no. 12, pp. 6975-6988, Doc. 2017. Endablish: empiring of Endablishes Induced Backstonthr charges in SAE Impact and Sensing, vol. 55, no. 12, pp. 6975-6988, Doc. 2017.

Partners

adwaÃ⁻sEO, European Space Agency (ESA), Luxembourg Space Agency (LSA), Vienna University of Technology, Wageningen University, Cima Research Foundation, Fadeout Software, Luxsense Geodata, Luxspace, University of Trier, RSS-Hydro, Frontier Connect

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