List of Publications

Dr. rer. nat. Roland Baatz

2021

HEYE BOGENA, MARTIN SCHRÖN, JANNIS JAKOBI, PATRIZIA NEY, STEFFEN ZACHARIAS, MIE ANDREASEN, ROLAND BAATZ, DAVID BOORMAN, BERK M DUYGU, MIGUEL A EGUIBAR-GALÁN, BENJAMIN FERSCH, TILL FRANKE, JOSIE GERIS, MARÍA GONZÁLEZ SANCHIS, YANN KERR, TOBIAS KORF, ZALALEM MENGISTU, ARNAUD MIALON, PAOLO NASTA, JERZY NITYCHORUK, VASSILIOS PISINARAS, DANIEL RASCHE, RAFAEL ROSOLEM, HAMI SAID, PAUL SCHATTAN, MAREK ZREDA, STEFAN ACHLEITNER, EDUARDO ALBENTOSA-HERNÁNDEZ, ZUHAL AKYÜREK, THERESA BLUME, ANTONIO DEL CAMPO, KATYA DIMITROVA-PETROVA, JOHN G EVANS, FELIX FRANCES, ANDREAS GÜNTNER, FRANK HERRMANN, JOOST IWEMA, KARSTEN HØGH JENSEN, HARALD KUNSTMANN, ANTONIO LIDÓN, MAJKEN CAROLINE LOOMS, SASCHA OSWALD, ANDREAS PANAGOPOULOS, AMOL PATIL, DANIEL POWER, CORINNA REBMANN, NUNZIO ROMANO, LENA M SCHEIFFELE, SONIA SENEVIRATNE, GEORG WELTIN, HARRY VEREECKEN (2021): COSMOS-Europe: A European Network of Cosmic-Ray Neutron Soil Moisture Sensors, Earth System Science Data Discussions, 1 – 33

R BAATZ, HJ HENDRICKS FRANSSEN, E EUSKIRCHEN, D SIHI, M DIETZE, S CIAVATTA, K FENNEL, H BECK, G DE LANNOY, VRN PAUWELS, A RAIHO, C MONTZKA, M WILLIAMS, U MISHRA, C POPPE, S ZACHARIAS, A LAUSCH, L SAMANIEGO, K VAN LOOY, H BOGENA, M ADAMESCU, M MIRTL, A FOX, K GOERGEN, BS NAZ, Y ZENG, H VEREECKEN (2021): Reanalysis in Earth System Science: Toward Terrestrial Ecosystem Reanalysis, Reviews of Geophysics, Band 59, Ausgabe 3

MARKUS KÖHLI, JANNIS WEIMAR, BENJAMIN FERSCH, ROLAND BAATZ, MARTIN SCHRÖN, ULRICH SCHMIDT (2021), Moisture and humidity dependence of the above-ground cosmic-ray neutron intensity revised, EGU General Assembly Conference Abstracts, EGU21 – 9215

AIDA TAGHAVI BAYAT, SARAH SCHÖNBRODT-STITT, PAOLO NASTA, NIMA AHMADIAN, CHRISTOPHER CONRAD, HEYE R BOGENA, HARRY VEREECKEN, JANNIS JAKOBI, ROLAND BAATZ, NUNZIO ROMANO (2021), High-resolution near-surface soil moisture through the combination of Sentinel-1 and Cosmic-Ray Neutron Probe in a Mediterranean agroforestry, EGU General Assembly Conference Abstracts, EGU21 – 7582

CHRISTIAN POPPE TERAN, BIBI NAZ, ROLAND BAATZ, HARRIE-JAN HENDRICKS-FRANSSEN, NIKOLAOS NIKOLAIDIS, HARRY VEREECKEN (2021): The Effect of Droughts on Ecosystem Water-Use-Efficiency in Europe, EGU General Assembly Conference Abstracts, EGU21 – 9426

MARTYN FUTTER, SYED ASHRAFUL ALAM, ROLAND BAATZ, JAANA BÄCK, EUGENIO DIAZ-PINES, JAN DICK, MARTIN FORSIUS, VERONIKA GAUBE, MATTHEW JONES, NIKOLAOS NIKOLAIDIS, CHRISTIAN POPPE, KATRI RANKINEN, ED ROWE, MARCUS SCHAUB, UTE M SKIBA, HARRY VEREECKEN, THOMAS DIRNBÖCK (2021): Amplifying Signals and avoiding surprises: Potential synergies between ICOS and eLTER at the Water-Climate-Greenhouse Gas nexus, EGU General Assembly 2021

CHRISTIAN POPPE TERAN, BIBI NAZ, ROLAND BAATZ, HARRIE-JAN HENDRICKS-FRANSSEN, NIKOLAOS NIKOLAIDIS, HARRY VEREECKEN (2021): The Effect of Droughts on Ecosystem Water-Use-Efficiency in Europe, EGU21, EGU21 – 9426

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MARKUS KÖHLI, JANNIS WEIMAR, MARTIN SCHRÖN, ROLAND BAATZ, ULRICH SCHMIDT (2021): Soil Moisture and Air Humidity Dependence of the Above-Ground Cosmic-Ray Neutron Intensity, Frontiers in Water, Band 2, Seite 66

HAOJIN ZHAO, CARSTEN MONTZKA, ROLAND BAATZ, HARRY VEREECKEN, HARRIE-JAN HENDRICKS FRANSSEN (2021): The Importance of Subsurface Processes in Land Surface Modeling over a Temperate Region: An Analysis with SMAP, Cosmic Ray Neutron Sensing and Triple Collocation Analysis, Remote Sensing, BNand 13, Ausgabe 16, Seiten 3068

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SAMANTHA R WEINTRAUB, ALEJANDRO N FLORES, WILLIAM R WIEDER, DEBJANI SIHI, CLAUDIA CAGNARINI, DANIEL RUIZ POTMA GONÇALVES, MICHAEL H YOUNG, LI LI, YANIV OLSHANSKY, ROLAND BAATZ, PAMELA L SULLIVAN, PETER M GROFFMAN (2019: Leveraging environmental research and observation networks to advance soil carbon science, Journal of Geophysical Research: Biogeosciences, Band 124, Ausgabe 5, 1047 – 1055

MARTINE VAN DER PLOEG, COLEEN CARRANZA, ROLAND BAATZ (2019): Modeling Digs Beyond Soil Properties and Processes, Earth & Space Science News, Band 100

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ROLAND BAATZ, PAMELA L SULLIVAN, LI LI, SAMANTHA R WEINTRAUB, HENRY W LOESCHER, MICHAEL MIRTL, PETER M GROFFMAN, DIANA H WALL, MICHAEL YOUNG, TIM WHITE, HANG WEN, STEFFEN ZACHARIAS, INGOLF KÜHN, JIANWU TANG, JÉRÔME GAILLARDET, ISABELLE BRAUD, ALEJANDRO N FLORES, PRAVEEN KUMAR, HENRY LIN, TEAMRAT GHEZZEHEI, JULIA JONES, HENRY L GHOLZ, HARRY VEREECKEN, KRIS VAN LOOY (2018): Steering operational synergies in terrestrial observation networks: Opportunity for advancing Earth system dynamics modelling, Earth System Dynamics, Band 9, Ausgabe 2, 593 – 609

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