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Kvalifikationer

Geoecology, PhD, University of Bayreuth

2009 mars 1 → 2014 nov. 30

Geoecology, Diploma, University of Bayreuth

2003 okt. 1 → 2009 feb. 28

Anställning

Forskningsingenjör

Centrum för miljö- och klimatvetenskap (CEC)

Lunds universitet

Lund, Sverige

2015 sep. 21 → present

Forskningsingenjör

Institutionen för naturgeografi och ekosystemvetenskap

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Forskare

BECC: Biodiversity and Ecosystem services in a Changing Climate

Lunds universitet

Lund, Sverige

2023 maj 17 → present

Forskningsoutput

Widespread Pesticide Distribution in the European Atmosphere Questions their Degradability in Air
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Method comparison of indirect assessments of understory leaf area index (LAI_u): A case study across the extended network of ICOS forest ecosystem sites in Europe

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Evaluation and optimization of ICOS atmosphere station data as part of the labeling process

Yver-kwok, C., Philippon, C., Bergamaschi, P., Biermann, T., Calzolari, F., Chen, H., Conil, S., Cristofanelli, P., Delmotte, M., Hatakka, J., Heliasz, M., Hermansen, O., Komíková, K., Kubistin, D., Kumps, N., Laurent, O., Laurila, T., Lehner, I., Levula, J., Lindauer, M., & 15 andraLopez, M., Mammarella, I., Manca, G., Marklund, P., Metzger, J-M., Mölder, M., Platt, S. M., Ramonet, M., Rivier, L., Scheeren, B., Sha, M. K., Smith, P., Steinbacher, M., Vítková, G. & Wyss, S., 2021 jan. 5, I: Atmospheric Measurement Techniques. 14, 1, s. 89-116

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The Kobresia pygmaea ecosystem of the Tibetan highlands – Origin, functioning and degradation of the world's largest pastoral alpine ecosystem: Kobresia pastures of Tibet

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Carbon pools and fluxes in a Tibetan alpine Kobresia pygmaea pasture partitioned by coupled eddy-covariance measurements and $^{13}\text{CO}_2$ pulse labeling

Ingrisch, J., Biermann, T., Seeber, E., Leipold, T., Li, M., Ma, Y., Xu, X., Miehe, G., Guggenberger, G., Foken, T. & Kuzyakov, Y., 2015, I: Science of the Total Environment. 505, s. 1213-1224

Eddy-covariance measurements as a tool for ecological and hydrological studies on the Tibetan Plateau
Biermann, T., 2014 juli 1, Bayreuth. 163 s.

Pasture degradation modifies the water and carbon cycles of the Tibetan highlands

Babel, W., Biermann, T., Coners, H., Falge, E., Seeber, E., Schleuß, P. M., Gerken, T., Leonbacher, J., Leipold, T., Willinghöfer, S., Becher, L., Spielvogel, S., Guggenberger, G., Schuetzenmeister, K., Shibistova, O., Hafner, S., Li, X., Xu, X., Yang, Y., Ma, Y., & 6 andraWesche, K., Graf, H-F., Leuschner, C., Kuzyakov, Y., Miehe, G. & Foken, T., 2014, I: Biogeosciences. 11, 23, s. 6633-6656

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A modelling investigation into lake-breeze development and convection triggering in the Nam Co Lake basin, Tibetan Plateau

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Turbulent flux modelling with a simple 2-layer soil model and extrapolated surface temperature applied at Nam Co Lake basin on the Tibetan Plateau

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Projekt

Mot ett mer hållbart skogsbruk – Hur skogars potentiella klimatnytta påverkas av olika skogsskötselsystem
Vestin, P., Mölder, M., Biermann, T. & Launiainen, S.

FORMAS, The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning
2024/01/01 → 2026/12/31

Mot ett mer hållbart skogsbruk – Hur skogars potentiella klimatnytta påverkas av olika skogsskötselsystem

Vestin, P., Mölder, M., Biermann, T. & Launiainen, S.

2022/04/01 → 2025/03/31

Optimization of carbon uptake in south Sweden's spruce forests

Lindroth, A., Vestin, P., Ström, L., Biermann, T. & Edvardsson, J.

2024/01/01 → 2026/12/31