

**Universität
Basel**

Akademischer Bericht
Departement Umweltwissenschaften
über Aktivitäten und Ereignisse
im Jahr
2019

Leitung während der Berichtsperiode:
Moritz Lehmann

Basel, den 10.02.2020

Departement Umweltwissenschaften
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1 Zusammenfassung (Management Summary)

– muss nicht mehr gemacht werden –

2 Forschung

2.1 Drittmittelfinanzierte Forschungsprojekte

Alewell, Christine

Combining biogeochemical and modelling approach to assess peatland restoration

Financed by: Swiss National Science Foundation (SNSF)

01.06.2017 - 31.05.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623897

Alewell, Christine ; Leifeld, Jens; Paul, Sonja Marit

GHG emissions from peatlands under different land use

Financed by: Public Administration

01.11.2013 - 30.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2261063

Alewell, Christine ; Xinbin, Feng

Linkage between deposition and air-surface exchange of mercury: a comparative study between Switzerland and China

Financed by: Swiss National Science Foundation (SNSF)

01.01.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3701418

Amrhein, Valentin

Petite Camargue Alsacienne

Financed by: Foundations and Associations

01.07.2017 - 30.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500990

Antolin, Ferran

Small seeds for large purposes: an integrated approach to agricultural change and climate during the Neolithic in Western Europe

Financed by: Swiss National Science Foundation (SNSF)

01.01.2018 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3768463

Berner, Daniel

Dissecting the molecular footprints of natural selection in threespine stickleback fish

Financed by: Swiss National Science Foundation (SNSF)

01.04.2016 - 31.03.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3490224

Conen, Franz ; Zimmermann, Lukas

Radon ICOS-CH

Financed by: Other sources

17.08.2016 - 16.08.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3602471



Conen, Franz

Relevance of biological particles in atmospheric ice formation at moderate supercooling

Financed by: Swiss National Science Foundation (SNSF)

01.01.2017 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623863

de Vos, Jurriaan

Revealing the genomic signature of tomato domestication in Europe using Caspar Bauhin's (1560-1624) herbarium specimens.

Financed by: Foundations and Associations

01.12.2019 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4517792

de Vos, Jurriaan

PRO-Alp. Plant reproduction of the alpine zone: disentangling ecological drivers of trait evolution

Financed by: Swiss National Science Foundation (SNSF)

01.07.2019 - 30.06.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500622

Defila, Rico; Di Giulio, Antonietta

Reallabore vernetzen, verstehen, verstetigen (Begleitforschung Reallabore BaWü)

Financed by: Foreign Governmental Research Agencies, Public Administration

01.01.2015 - 31.07.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2826896

Defila, Rico; Di Giulio, Antonietta ; Binder, Claudia R.

Zivilgesellschaft und Forschung für Nachhaltige Entwicklung: Transdisziplinarität fordern und fördern (ZiFoNE)

Financed by: Foreign Governmental Research Agencies, Foundations and Associations, Public Administration

01.01.2015 - 30.09.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2826899

Deschler-Erb, Sabine

HumAnimAI- New insights in the human-animal relationship of earlier times as a basis for current social discussions

Financed by: Swiss National Science Foundation (SNSF)

01.04.2018 - 31.03.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4439800

Deschler-Erb, Sabine ; Grau, Idoia

ZooRoMed /Supplying ancient empires and medieval economies: Changes in animal husbandry between the Late Roman period and the Early Middle Ages in the Rhine Valley

Financed by: Commission of the European Union

15.09.2018 - 14.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4462401

Ebert, Dieter ; Dexter, Eric

Coevolution - The genomic signature of rapid coevolution within a wild host-parasite system

Financed by: Commission of the European Union

01.05.2019 - 30.04.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500203

Ebert, Dieter

Testing predictions of Red Queen coevolution

Financed by: Swiss National Science Foundation (SNSF)

01.04.2016 - 30.09.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3490227



Ebert, Dieter

A genomic perspective on host-parasite coevolution

Financed by: Swiss National Science Foundation (SNSF)

01.10.2019 - 30.09.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4514418

Heiri, Oliver

Chironomid-based summer temperatures from the Eemian to the Holocene: Towards a European temperature reconstruction covering the past 130,000 years

Financed by: Swiss National Science Foundation (SNSF)

01.01.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4492942

Heiri, Oliver

Klima, Umwelt, Mensch im Thurgau (KUMiT): Bohrkernuntersuchungen im Kanton Thurgau

Financed by: Foundations and Associations, Public Administration

15.12.2019 - 30.06.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4518082

Hiltbrunner, Erika

Below-ground responses to manipulated snow cover duration and summer drought in alpine grassland (Acronym. bel-alp)

Financed by: Swiss National Science Foundation (SNSF)

01.12.2018 - 30.11.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4486192

Hiltbrunner, Erika ; Kahmen, Ansgar

Die Wirkung atmosphärischer Stickstoffdeposition auf die alpine Vegetation in drei verschiedenen alpinen Lebensraumtypen (II)

Financed by: Swiss Government (Research Cooperations)

01.06.2017 - 31.05.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4354681

Hoch, Günter

PlantHUB: ESR9 Hoch

Financed by: Commission of the European Union

01.10.2016 - 30.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3604493

Hoch, Günter

Explore the 'upper hidden half' of trees: The influence of crown position on the seasonal dynamics of biological processes in the canopy of a temperate mixed forest

Financed by: Swiss National Science Foundation (SNSF)

01.01.2019 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4485988

Holm, Patricia ; Mani, Thomas

Mikroplastik im Rheineinzugsgebiet

Financed by: Foundations and Associations, University of Basel

01.12.2015 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3342380

Holm, Patricia ; Adrian-Kalchhauser, Irene; Hirsch, Philipp

Invasive Schwarzmeergrundeln in der Schweiz

Financed by: Foundations and Associations, Public Administration, University of Basel

15.06.2017 - 30.06.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3870636



Huggenberger, Peter ; Epting, Jannis

Vertrag Hydro-CH2018 Grundwassertemperatur

Financed by: Public Administration

15.07.2017 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4354669

Huggenberger, Peter

«Near-surface Geothermal Resources in the Territory of the Alpine Space - GRETA»

Financed by: Foundations and Associations

01.06.2016 - 30.06.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3511610

Huggenberger, Peter ; Epting, Jannis

Machbarkeitsstudie: Thermisches Potential urbaner Tunnelinfrastruktur in

Lockergesteinsgrundwasservorkommen

Financed by: Public Administration

15.12.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4354694

Huggenberger, Peter; Dresmann, Horst

Erdbebenrisikomodell Basel Stadt

Financed by: Public Administration

01.10.2018 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496513

Jacomet, Stefanie

PlantCULT

Financed by: Commission of the European Union

01.04.2016 - 31.03.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3490245

Jiskra, Martin

Seasonal impact of vegetation on atmospheric elemental mercury dry deposition

Financed by: Swiss National Science Foundation (SNSF)

01.11.2017 - 31.10.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3889243

Kahmen, Ansgar ; Boller, Thomas; Natarajan, Mathimaran

PSC - Syngenta Fellowship: Mycorrhiza-facilitated bioirrigation in intercropping systems in dryland agriculture as a new tool to stabilize and increase yields of small holder farms

Financed by: Foundations and Associations

01.03.2018 - 28.02.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4488758

Kahmen, Ansgar

Indo-Swiss Collaboration (ISCB) - BIOFI Phase V

Financed by: Swiss Government (Research Cooperations)

01.11.2017 - 31.10.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4354679

Kahmen, Ansgar

ClimGrassHydro: Ecohydrology of mountain grassland under global change: mechanisms and consequences

Financed by: Foundations and Associations

01.05.2019 - 30.04.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4513903



Kahmen, Ansgar ; Hoch, Günter

A novel through fall exclusion experiment to assess the physiological and biogeochemical consequences of precipitation changes for temperate forests (NF R'Equip)

Financed by: Swiss National Science Foundation (SNSF)

01.12.2019 - 30.11.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4516426

Kahmen, Ansgar

PlantHUB: ESR10 Kahmen

Financed by: Commission of the European Union

01.10.2016 - 30.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3604494

Kahmen, Ansgar

Auswirkungen des Klimawandels auf die Ökologie und Biogeochemie mitteleuropäischer Wälder

Financed by: Public Administration

01.10.2016 - 30.09.2036

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3701396

Kahmen, Ansgar

Using millet-legume model intercropping systems to establish mycorrhiza-facilitated bioirrigation in dryland agriculture

Financed by: Swiss National Science Foundation (SNSF)

01.01.2019 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4491759

Kahmen, Ansgar

HYDROCARB: Hydrogen isotopes in plant-derived organic compounds as new tool to identify changes in the carbon-energy metabolism of plants and ecosystems during the anthropocene be retained.

Financed by: Commission of the European Union

01.11.2017 - 31.10.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3769325

Kahmen, Ansgar; Hiltbrunner, Erika

SNOSU-FORCE: Changing snow loads and summer drought press alpine plants and force economy

Financed by: Foundations and Associations

01.04.2016 - 31.03.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3499793

Knappertsbusch, Michael ; Wetzel, Andreas

Testing the Agulhas Dispersal Hypothesis for Neogene planktonic foraminifer Globorotalia menardii: Indian Ocean or Pacific home versus Central-American passage (re-submitted version to project No.

200021_163241)

Financed by: Swiss National Science Foundation (SNSF)

01.02.2017 - 31.01.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623859

Kuhn, Nikolaus J. ; Eckardt, Frank

South African cropland dust emission risks: physical thresholds, environmental and socio-economic impacts

Financed by: Swiss National Science Foundation (SNSF)

01.04.2017 - 31.03.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3700208



Kuhn, Nikolaus J.; Bontognali, Tomaso ; Josset, Josset; Hofmann, Beda

ExoMars CLUPI Operation Testing

Financed by: University of Basel, Other sources

01.09.2017 - 31.03.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4338318

Lehmann, Moritz ; Niemann, Helge; Zopfi, Jakob

The “methane paradox” in Lake Lugano – understanding methane production in oxygenated waters of lacustrine environments

Financed by: Swiss National Science Foundation (SNSF)

01.01.2017 - 30.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623910

Lehmann, Moritz ; Zopfi, Jakob; Niemann, Helge; Gademann, Karl; Krämer, Stephan

Copper availability, methanobactin production and methane oxidation in two Swiss lakes: Constraints on copper acquisition by methanotrophic bacteria

Financed by: Swiss National Science Foundation (SNSF)

01.06.2016 - 30.11.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3642278

Lehmann, Moritz ; Mohn, Joachim; Joss, Adriano; Bürgmann, Helmut

Advanced understanding of autotrophic nitrogen removal and associated N₂O emissions in mixed nitrification-anammox systems through combined stable ISotopic and MOlecular constraints (IsoMol)

Financed by: Swiss National Science Foundation (SNSF)

01.09.2017 - 31.08.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3698148

Lehmann, Moritz ; Cassar, Nicolas; Frey, Claudia; Hopwood, Mark; Jaccard, Samuel; Schuback, Nina; Simo, Rafel; Vance, Derek

GreenMelt - Impact of Greenland ice melt and discharge on marine biogeochemistry, nutrient fluxes, and productivity

Financed by: Foundations and Associations

01.07.2019 - 30.06.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4492457

Lucek, Kay ; Augustijnen, Hannah

Genomic rearrangements and the origin of species

Financed by: Swiss National Science Foundation (SNSF)

01.04.2018 - 30.04.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500647

Miescher, Giorgio ; Ramutsindela, Maano

Space in Time: Landscape narratives and land management changes in a Southern African cross-border region

Financed by: Swiss National Science Foundation (SNSF)

01.06.2017 - 31.05.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3827203

Pati, Sarah

Isotope Fractionation of O₂ Associated with Enzymatic and Photochemical Reactions in Aquatic Environments

Financed by: Swiss National Science Foundation (SNSF)

01.09.2019 - 31.08.2023 https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4512349



Pichler, Sandra

Frühneuzeitliche Bestattungen im Basler Stadtcasino

Financed by: Public Administration

25.09.2018 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2821017

Roth, Volker ; Alewell, Christine; Liechti, Felix Stephan; Schuldt, Heiko

weObserve: Integrating Citizen Observers and High Throughput Sensing Devices for Big Data Collection, Integration, and Analysis

Financed by: Swiss National Science Foundation (SNSF)

01.05.2017 - 30.04.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3700210

Röder, Brigitte; Rentzel, Philippe; Matter, Georg

MAGIA - Mittelbronzezeit im Aargau: Interdisziplinär Ausgewertet

Financed by: Foundations and Associations

01.10.2018 - 30.09.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4485844

Salzburger, Walter

The genomic basis of divergence and convergence in fish species-flocks

Financed by: Swiss National Science Foundation (SNSF)

01.02.2018 - 31.01.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3951877

Salzburger, Walter ; Kaessmann, Henrik; Tschopp, Patrick

Molecular evolution and ontogenetic development of dietary adaptations in vertebrates at the micro- and macro-evolutionary scale

Financed by: Swiss National Science Foundation (SNSF)

01.12.2019 - 30.11.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4517332

Salzburger, Walter

CICHLID~X

Financed by: Commission of the European Union

01.03.2014 - 28.02.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2408800

Schibler, Jörg ; Wright, Elizabeth Lizzie

LAKEBOS / The role of cattle at Prehistoric lake-dwelling sites in Switzerland

Financed by: Commission of the European Union

01.10.2018 - 30.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4462524

Schneider-Sliwa, Rita; Egli, Adrian; Stadler, Tanja ; Battegay, Manuel E.; Buser, Andreas; Meinel, Dominik; Nickel, Christian; Ritz, Nicole; Zeller, Andreas; Pauli-Magnus, Christiane

Systemanalyse der saisonalen Grippevirusübertragung und -verbreitung in Basel-Stadt / System analysis of seasonal influenza – virus transmission and evolution in the City of Basel , Projekt Nr. CR3213_166258, EKNZ 2015-363

Financed by: Swiss National Science Foundation (SNSF), Foundations and Associations

01.01.2017 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3542995



Schärer, Lukas

Sexual selection and sexual conflict in simultaneous hermaphrodites with divergent mating syndromes

Financed by: Swiss National Science Foundation (SNSF)

01.04.2019 - 31.03.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500648

Tschopp, Patrick

The role of muscle and motor neuron patterning in constraining digit number

Financed by: Swiss National Science Foundation (SNSF)

01.01.2017 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623854

Tschopp, Patrick

Elucidating the gene regulatory logic of convergent cell fate specification in the developing vertebrate skeleton

Financed by: Swiss National Science Foundation (SNSF)

01.12.2019 - 30.11.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4514639

Tschopp, Patrick

A CRISPR/Cas9-screening platform to decipher conserved cell fate specification networks in vivo

Financed by: Foundations and Associations

01.09.2019 - 31.08.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4514211

Vogt, Roland ; Parlow, Eberhard

Namib Fog Life Cycle Analysis – Field measurements (NaFoLiCA - F)

Financed by: Swiss National Science Foundation (SNSF)

01.04.2017 - 31.03.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3788588

Vogt, Roland ; Kalberer, Markus; Feigenwinter, Christian

diFUME

Financed by: Commission of the European Union

29.04.2019 - 31.08.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4501258

von Fumetti, Stefanie

Adaptation or isolation: Disenthralling the myth of crenobiosis of spring-dwelling invertebrates

Financed by: Swiss National Science Foundation (SNSF)

01.04.2018 - 31.03.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3951932

Wetzel, Andreas

Extreme oxygenation stages of muddy sediments recorded by trace fossils

Financed by: Swiss National Science Foundation (SNSF)

01.10.2016 - 30.09.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3623878

Willi, Yvonne

Understanding the genotype-phenotype-fitness maps at species' range limits

Financed by: Swiss National Science Foundation (SNSF)

01.10.2019 - 30.09.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500651



Willi, Yvonne

Evolutionary dynamics of drift load and its role in species distribution limits

Financed by: Swiss National Science Foundation (SNSF)

01.04.2016 - 31.03.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3490235

2.2 Andere Forschungsprojekte

Akeret, Ernst Öрни; Deschler-Erb, Sabine

Archäobiologische Forschungen zur CUT/Xanten"

Financed by: Other funds

01.08.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3714271

Amrhein, Valentin

Natural grazing in nature reserves

Financed by: Other funds

01.07.2017 - 30.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4262660

Balkanska, Eleonora ; Peytcheva, Irena; Georgiev, Stoyan; Antic, Milorad; Kounov, Alexandre; Tagami, Takahiro; Sueoka, Shigeru

Thermochronological evolution of the Upper Cretaceous porphyry-epithermal systems in the Panagyurishte segment of Central Srednogie zone.

Financed by: Other funds

01.01.2017 - 01.01.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4211969

Baur, Bruno ; Rusterholz, Hans-Peter; Braschler, Brigitte

Ecological Restoration

Financed by: University funds, Other funds

01.10.2016 - 31.01.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3703518

Baur, Bruno ; Rusterholz, Hans-Peter

Urban biodiversity and ecosystem services

Financed by: Other funds

01.04.2013 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2826856

Baur, Bruno ; Rusterholz, Hans-Peter; Braschler, Brigitte

Invasive Species: Impact on Biodiversity and Ecosystem Functions

Financed by: University funds, Other funds

01.10.2016 - 31.01.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3703519

Baur, Bruno ; Rusterholz, Hans-Peter; Braschler, Brigitte

Urban ecology

Financed by: University funds, Other funds

01.10.2016 - 31.01.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3703937



Baur, Bruno

Biology of rare and endangered species

Financed by: Other funds

01.01.2007 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=103063

Braschler, Brigitte

Ant assemblages in Southern Africa: a trait-based approach

Financed by: University funds

01.01.2009 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3133448

Braschler, Brigitte ; Rusterholz, Hans-Peter

Myrmicinosporidium durum: an enigmatic disease of ants

Financed by: University funds

01.01.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3706540

Brombacher, Christoph; Akeret, Ernst Öрни; Bittmann, Felix

Archaeobotanical Database

Financed by: University funds

01.05.2010 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=476238

Chao, Ruixia ; Schneider-Sliwa, Rita

Social Housing and Spatial Justice – an analysis of poverty landscapes in globalizing Guangzhou

Financed by: Other funds

15.09.2012 - 30.05.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1419205

Conen, Franz

Baseline characterisation of air masses using radon-222

Financed by: University funds, Other funds

01.07.2008 - 31.12.2031

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3395324

Deschler-Erb, Sabine

Archäozoologische Untersuchungen zur Römerstadt Augusta Raurica

Financed by: Other funds

01.01.2019 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495240

Deschler-Erb, Sabine

Archäozoologische Untersuchungen zum Mithräum von Kempraten

Financed by: Other funds

01.01.2017 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495236

Deschler-Erb, Sabine

Archäozoologische Forschungen zum römischen Heiligtum Nida-Heddernheim

Financed by: Other funds

01.09.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3714232



Deschler-Erb, Sabine

Archäozoologische Untersuchungen zu Kempten

Financed by: Other funds

01.10.2018 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4497406

Deschler-Erb, Sabine

Beinschnitzer in Aachen

Financed by: Other funds

01.10.2018 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4497394

Deschler-Erb, Sabine

Beinartefakte vom Monte San Martino, Trentino

Financed by: Other funds

01.11.2018 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4497401

Deschler-Erb, Sabine

DicTA - Dictionnaire des techniques dans l'Antiquité

Financed by: Other funds

01.05.2018 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4497399

Deschler-Erb, Sabine; Schibler, Jörg

Wirtschafts-, Ernährungs- und Umweltgeschichte Mitteleuropas aufgrund archäozoologischer Daten

Financed by: Other funds

01.01.2019 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495243

Deschler-Erb, Sabine; Schibler, Jörg

Archäozoologische Untersuchungen zu Vindonissa

Financed by: Other funds

01.05.2009 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4497397

Di Bella, Katrin ; Alewell, Christine

Nuclear Techniques for a Better Understanding of the Impact of Climate Change on Soil Erosion in Upland Agro-ecosystems

Financed by: Other funds

01.01.2016 - 01.01.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3394347

Feigenwinter, Christian; Vogt, Roland; Wicki, Andreas

Baumaterialien für Städte im Klimawandel – Materialkatalog mit Empfehlungen

Financed by: Other funds

01.01.2019 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527269

Feigenwinter, Christian; Wicki, Andreas; Vogt, Roland

ESKIN 5 BASEL

Financed by: Other funds

16.07.2019 - 27.10.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527250



Gerling, Claudia

Stabile Isotopenanalysen an Faunenresten aus Körtik Tepe

Financed by: Other funds

01.07.2018 - 01.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4526525

Gerling, Claudia

Bioarchäologische Untersuchungen an jungsteinzeitlichen menschlichen Bestattungen aus Altdorf (Niederbayern)

Financed by: Other funds

01.03.2019 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4526518

Gerling, Claudia

Isotopie in der Archäologie: Theorie, Anwendungs- und Aussagemöglichkeiten

Financed by: Other funds

01.03.2019 - 29.02.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4526534

Gerling, Claudia ; Trancik Petitpierre, Viera

Naturwissenschaftliche Analysen im Projekt "Chronologie, Mobilität und Kulturtransfer am Beispiel einer inneralpinen Siedlungslandschaft"

Financed by: Other funds

01.12.2019 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4526497

Gerling, Claudia

Isotopenanalysen an den neolithischen Skeletten aus Warburg

Financed by: Other funds

01.11.2017 - 31.10.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495981

Gerling, Claudia

Bioarchäologische Untersuchungen frühneuzeitlicher Massengräber in St. Petersburg

Financed by: Other funds

31.10.2017 - 01.04.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495985

Gilgado Hormaechea, José Domingo

Non-native millipedes in greenhouses and their surroundings

Financed by: University funds

01.09.2017 - 01.02.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196617

Gilgado Hormaechea, José Domingo

Millipede diversity

Financed by: University funds

01.09.2017 - 01.02.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196541

Gilgado Hormaechea, José Domingo; Baur, Bruno ; Braschler, Brigitte; Rusterholz, Hans-Peter; Zwahlen, Valerie

Soil arthropod biodiversity of urban gardens

Financed by: University funds

01.09.2017 - 01.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196332



Gilgado Hormaechea, José Domingo; Baur, Bruno

Testing vertical distribution shift of millipede populations in the Swiss National Park and its surroundings, from 1919 to 2018

Financed by: University funds

01.09.2017 - 01.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196119

Gilgado Hormaechea, José Domingo; Baur, Bruno

The impact of permafrost and rocky glacier melting on soil fauna communities

Financed by: University funds

01.09.2017 - 01.09.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196207

Gilgado Hormaechea, José Domingo; Baur, Bruno

Effect of illegal garden waste deposits in forests on soil fauna

Financed by: University funds

08.01.2018 - 15.01.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4196613

Goldman, Nina ; Schneider-Sliwa, Rita; Egli, Adrian

Vaccination and influenza-like illnesses from the urban quarter perspective

Financed by: University funds

01.08.2018 - 31.07.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496491

Griebel, Christine ; Schneider-Sliwa, Rita

Grenzgänger in der trinationalen Region Basel – grenzüberschreitende Mobilität und transnationaler sozialer Raum

Financed by: University funds, Other funds

01.05.2011 - 30.06.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1460252

Hoch, Günter

Cold root effects on water-uptake and C-relations in temperate tree species

Financed by: University funds, Other funds

01.11.2019 - 31.12.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527509

Holm, Patricia ; Leistenschneider, Clara; Segner, Helmut; Amaral Zettler , Linda; Gerdts, Gunnar

Occurrence of Microplastics in the Antarctic Seas

Financed by: University funds, Other funds

15.12.2018 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4525205

Hotz, Gerhard ; Zulauf, Marina; Orland, Barbara

Forschungsprojekt Basel-Spitalfriedhof

Financed by: Other funds

01.01.2015 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3723646

Jacomet, Stefanie; Schibler, Jörg; Antolin, Ferran

Archäobiologische Untersuchungen der Lehr- und Forschungsgrabung "Les Bagnoles" Dép. Vaucluse, F

Financed by: University funds, Other funds

01.08.2012 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2316438



Jagher, Reto; Matter, Georg ; Brogli, Werner

Aufarbeitung Sammlung Werner Brogli

Financed by: Other funds

15.04.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3723438

Kalberer, Markus; Campbell, Steven John; Utinger, Battist; Bukowiecki, Nicolas

Characterising the Toxicity of aerosol particles

Financed by: University funds

01.09.2018 - 31.08.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4524733

Kalberer, Markus; Jiskra, Martin

Enhancement of Hg(0) oxidation in the presence of volatile organic compounds

01.10.2019 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527356

Kalberer, Markus; Wolfer, Kate; Steimer, Sarah

Molecular level characterisation of aerosol composition and toxicity

Financed by: University funds

01.01.2019 - 31.12.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527372

Kuhn, Nikolaus J. ; Hu, Yaxian; Kuhn, Brigitte

Soil erosion risk in northeastern China

Financed by: Other funds

01.10.2017 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4488522

Kuhn, Nikolaus J. ; Kuhn, Brigitte; Schaub, Daniel

Soil erosion monitoring with Unmanned Aerial Vehicles

Financed by: University funds

01.01.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4492046

Kuhn, Nikolaus J.

Land Degradation in the Karoo, South Africa

Financed by: University funds

01.01.2015 - 31.12.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4492044

Kuhn, Nikolaus J. ; Zinsstag, Jakob

Contribution of Pastoralism to One Health approaches in southeastern Ethiopia

Financed by: Other funds

01.09.2015 - 31.08.2025

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3706587

Le Tensorer, Jean-Marie ; Wojtczak, Dorota; Wegmüller, Fabio; Jagher, Reto; Elsuede, Hani

Palaeolithic Jordan

Financed by: Other funds

01.01.2015 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2354510

Le Tensorer, Jean-Marie; Jagher, Reto

The Lower Palaeolithic in Upper Egypt

Financed by: University funds, Other funds

01.11.2012 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1532814



Le Tensorer, Jean-Marie; Wegmüller, Fabio; Koehler, Héloïse

Mutzig-Felsbourg

Financed by: University funds, Other funds

01.03.2012 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2005655

Nagel, Peter

Non-mutualistic myrmecophily: revealing the phylogeny, zoogeography and life history of Flanged Bombardier Beetles (Coleoptera: Carabidae: Paussinae)

Financed by: University funds, Other funds

01.01.1995 - 31.12.2030

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=89472

Pichler, Sandra ; Alt, Kurt

The megalithic monument of La Mina (Alcubilla de las Peñas, Soria)

Financed by: University funds

01.10.2014 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2846660

Pichler, Sandra ; Alt, Kurt

Human remains from Els Trocs cave, Huesca Province, Spain

Financed by: University funds

01.07.2017 - 30.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496523

Pichler, Sandra

Der mesolithische Fundplatz Birmatten-Basisgrotte

Financed by: University funds

01.11.2013 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2846695

Rentzel, Philippe ; Spichtig, Norbert

Basel Spiegelgasse (UMIS) - Geoarchäologische Analysen mittelalterlicher Strukturen an der Birsigmündung.

Financed by: Other funds

01.01.2018 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496184

Rentzel, Philippe ; Pümpin, Christine; Ismail-Meyer, Kristin; Brönnimann, David

Geoarchäologische Studien zur Landschafts- und Kulturgeschichte

Financed by: Other funds

01.01.2015 - 01.01.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3206310

Rentzel, Philippe ; Deschler-Erb, Eckhard

Dissertation Christine Pümpin: «Dark-earth-Sedimente als Quellen ruraler und urbaner Siedlungsdynamik zwischen jüngerer Eisenzeit und dem frühen Mittelalter. Beispiele von Schichtbildungsprozessen aus unterschiedlichen Ablagerungsmilieus.

Financed by: Other funds

01.04.2019 - 01.04.2023

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4525031

Rentzel, Philippe; Ismail-Meyer, Kristin

Holocene landscape evolution and human impact in the area of Biel/Bienne (Switzerland)

Financed by: Other funds

01.10.2018 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496403



Rentzel, Philippe; Lo Russo, Sarah

Geoarchäologische Studien zu bronzezeitlichen Fundstellen im Kanton Bern

Financed by: Other funds

01.01.2019 - 31.12.2025

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4525093

Rentzel, Philippe; Pümpin, Christine; Lo Russo, Sarah; Brönnimann, David

Geoarchäologische Untersuchungen zum Mithras-Kult

Financed by: Other funds

01.01.2019 - 31.12.2024

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4525095

Reynolds Schier, Irene ; Schneider-Sliwa, Rita

Geography of the Swiss Foundation Sector. Atlas and analysis of the Swiss public-benefit foundations, their spatial distribution, their purpose categories and geographical spheres of activities.

Financed by: Other funds

01.01.2012 - 30.09.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495504

Rusterholz, Hans-Peter ; Frey, Beat

Effects of invasive plants on soil microbial communities

Financed by: Other funds

01.01.2015 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1541475

Rusterholz, Hans-Peter ; Lack, Markus

Management of invasive plants

Financed by: Other funds

01.04.2011 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1541482

Schibler, Jörg; Schlumbaum, Angela

Genetic archaeology of Celtic and Roman cattle north of the alps

Financed by: University funds, Other funds

16.01.2003 - 31.12.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=101029

Schlumbaum, Angela ; Bouby, Laurent

Archaeogenetics of grape wine

Financed by: Other funds

01.09.2009 - 11.11.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2355827

Spiske, Michaela

Post-hurricane field survey in the wake of hurricane Irma on the British Virgin Islands - documentation and analyses of inundation parameters and hurricane sediments

Financed by: Other funds

01.01.2018 - 30.06.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500354

Spiske, Michaela

CARQUAKES - Documentation and evaluation of the risk of earthquakes, tsunamis and hurricanes on the French Antilles

Financed by: Other funds

01.01.2018 - 31.12.2024

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4500495



Stopp, Barbara; Kühn, Maria Luise Marlu

Archäobiologische Untersuchungen in der spätkeltischen Siedlung Basel-Gasfabrik

Financed by: Other funds

01.01.2016 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495241

Tschopp, Patrick

Regulatory evolution of vertebrate skeletogenesis

Financed by: University funds

01.09.2016 - 31.08.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3706421

Tschopp, Patrick

Cell fate decisions during digit development

Financed by: University funds

01.09.2016 - 31.08.2021

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3706423

Ursenbacher, Sylvain ; Loader, Simon Paul; Menegon, Michele

Snake speciation in Tanzania

Financed by: Other funds

01.01.2012 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3703133

Ursenbacher, Sylvain

Artenschutz und Genetik der Aspispiper (*Vipera aspis*) im Schweizer Mittelland und dem Jura

Financed by: Other funds

01.11.2009 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=101532

Ursenbacher, Sylvain

Génétique des populations et conservation de la coronelle lisse *Coronella austriaca* (Squamata : Colubridae) en Alsace

Financed by: Other funds

01.01.2009 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=471252

Ursenbacher, Sylvain

Détection des zones de contact des différentes sous-espèces de reptiles en Suisse: aide à la réactualisation de la future liste rouge des reptiles de Suisse

Financed by: Other funds

01.01.2013 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=2284906

Ursenbacher, Sylvain

Genetic structure of the Swiss *Emys orbicularis* population, reintroduction projects

Financed by: University funds, Other funds

01.11.2008 - 31.03.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=101525

Ursenbacher, Sylvain

Phylogeny and phylogeography of the Eurasian vipers (genus *Vipera*)

Financed by: Other funds

01.01.2007 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1474719



Ursenbacher, Sylvain; Cayuela, Hugo

population genetic of *Bombina variegata*

Financed by: Other funds

01.01.2010 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3703137

Ursenbacher, Sylvain; Graitson, Eric

Conservation genetic of the adder (*Vipera berus*) and the smooth snake (*Coronella austriaca*) in Belgium

Financed by: Other funds

01.01.2012 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1474710

Ursenbacher, Sylvain; Monney, Jean-Claude; Dubey, Sylvain

Competition between two Natricine species, the native Viperine Snake (*Natrix maura*) and the introduced Dice Snake (*N. tessellata*)

Financed by: Other funds

01.01.2010 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=471234

Ursenbacher, Sylvain; Schmidt, Benedikt

Is environmental DNA more efficient than direct observation?

Financed by: Other funds

01.03.2012 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=1474715

Vogel, Thomas ; Schneider-Sliwa, Rita

Das Life Sciences-Cluster in Basel

Financed by: University funds

19.09.2014 - 31.07.2019

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=3395292

Vogt, Roland ; Parlow, Eberhard

Gobabas - Measurement of the Surface Energy Balance in the Namib Desert

Financed by: University funds

01.07.2009 - 31.03.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=101714

von Fumetti, Stefanie

Long-term monitoring of springs in the Swiss National Park (SNP)

Financed by: Other funds

01.10.2018 - 31.12.2039

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4495065

Wehmeyer, Helena ; Schneider-Sliwa, Rita

Foreign aid shaping agricultural development in Southeast Asia: Interrelationship of social, economic and environmental factors. An analysis of four case studies of the CORIGAP project: China, Indonesia, Myanmar, and Vietnam

Financed by: Other funds

01.09.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4496885

Willi, Yvonne

Elevational range limits and constraints to the evolution of the climate niche

Financed by: University funds

01.01.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4527348



Wojtczak, Dorota

Functional studies of stone tools from the Mousterian site of La Roche-Cotard in Langeais (Indre-et-Loire, France).

Financed by: University funds, Other funds

01.05.2018 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4492895

Wojtczak, Dorota ; Rots, Veerle

Traceological analysis of Palaeolithic Stone tools from Hayonim Cave, Israel

Financed by: University funds, Other funds

01.06.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4250899

Wojtczak, Dorota; Malinsky-Buller, Ariel

The blade industry from Abou-Sif (Israel) and the subsistence strategies of its makers.

Financed by: University funds

01.12.2017 - 31.12.2020

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4284414

Wojtczak, Dorota; Marquet, Jean-Claude

Le site de la Roche-Cotard à Langeais (Indre-et-Loire) ; Enjeux de la connaissance et de la datation d'un site moustérien à productions à caractère symbolique

Financed by: University funds, Other funds

01.01.2017 - 31.12.2022

https://forschdb2.unibas.ch/inf2/rm_projects/object_edit.php?r=4250790

2.3 Wissens- und Technologietransfer

2.3.1 Patenterstanmeldungen, Lizenz- / Abtretungsverträge

Lizenznehmer: **Epibreed AG**

Vertragsgegenstand: Amplification of retrotransposons for plant breeding (Thieme, Bucher)

Vertragsdatum: License Patent

Lizenz- insb. finanzielle Bedingungen: 03.09.2019

3 Aussenbeziehungen / Kooperationen

3.1 Nationale Kooperationen

Antolin, Ferran

Kooperationspartner: Bernasconi, Stefano, Prof. Dr.; ETH Zürich; Switzerland

Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: Hajdas, Irka, Dr.; ETH Zürich; Switzerland

Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: van Willigen, Samuel, Dr.; Schweizerisches Nationalmuseum; Switzerland

Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Georg Matter, Kantonsarchäologe; Kantonsarchäologie Aargau; Switzerland

Art der Kooperation: Research cooperation



Deschler-Erb, Sabine

Kooperationspartner: Regula Ackermann, Wissenschaftliche Mitarbeiterin; Kantonsarchäologie St. Gallen; Switzerland

Art der Kooperation: Research cooperation

Feigenwinter, Christian; Wicki, Andreas; Vogt, Roland

Kooperationspartner: Dr. Ing. Caroline Hoffmann; FHNW, Institut Energie am Bau (IEBau); Switzerland

Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Lassau, Guido; Archäologische Bodenforschung Basel-Stadt; Switzerland

Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Reitmaier, Thomas, Dr.; Archäologischer Dienst Graubünden; Switzerland

Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Brunner, Mirco; University of Bern; Switzerland

Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Brem, Hansjörg; Amt für Archäologie, Kanton Thurgau; Switzerland

Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Leuzinger, Urs; Amt für Archäologie, Kanton Thurgau; Switzerland

Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Tinner, Willy; University of Bern; Switzerland

Art der Kooperation: Research cooperation

Holm, Patricia

Kooperationspartner: Rauter, Georg, Prof. Dr.; Universität Basel; Switzerland

Art der Kooperation: Research cooperation

Kalberer, Markus

Kooperationspartner: Cavelti-Weder, Claudia; Department of Biomedicine, University of Basel; Switzerland

Art der Kooperation: Research cooperation

Kalberer, Markus

Kooperationspartner: Weingartner, Ernest, Prof.; FHNW, Windisch; Switzerland

Art der Kooperation: Research cooperation

Kalberer, Markus

Kooperationspartner: Zimmermann, Ralf, Prof; Helmholtz Zentrum München – German Research Center for Environmental Health; Germany

Art der Kooperation: Research cooperation

Kuhn, Nikolaus J.

Kooperationspartner: Josset, Jean-Luc; Space Exploration Institute, Neuchâtel; Switzerland

Art der Kooperation: Research cooperation

Kuhn, Nikolaus J.

Kooperationspartner: Beda Hofmann; Natural History Museum Bern; Switzerland

Art der Kooperation: Research cooperation



Lehmann, Moritz

Kooperationspartner: Mohn, Joachim; EMPA Dübendorf; Switzerland
Art der Kooperation: Research cooperation

Lehmann, Moritz

Kooperationspartner: Luster, Jörg; WSL; Switzerland
Art der Kooperation: Joint PhD project

Pichler, Sandra

Kooperationspartner: Lassau, Guido; Archäologische Bodenforschung Basel-Stadt; Switzerland
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Flatscher, Elias; Kunsthistorisches Institut, Universität Zürich; Switzerland
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Scheurer, Eva; Institute of Forensic Medicine, University of Basel; Switzerland
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Hirschmann, Anna, Leiterin Muskuloskelettale Abteilung; Universitätsspital Basel, Klinik für Radiologie und Nuklearmedizin; Switzerland
Art der Kooperation: Research cooperation

von Fumetti, Stefanie

Kooperationspartner: Ruedi Haller; Swiss National Park; Switzerland
Art der Kooperation: Research cooperation

3.2 Internationale Kooperationen

Kooperationspartner:

Antolin, Ferran

Kooperationspartner: Caracuta, Valentina, Dr.; University of Montpellier; France
Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: Bouby, Laurent, Dr.; University of Montpellier, CNRS; France
Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: Kirleis, Wiebke, Prof. Dr.; Christian Albrechts-University in Kiel; Germany
Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: Alonso, Natàlia, Prof. Dr.; University of Lleida; Spain
Art der Kooperation: Research cooperation

Antolin, Ferran

Kooperationspartner: Salavert, Aurélie, Prof. Dr.; MNHN, Paris; France
Art der Kooperation: Research cooperation



Conen, Franz

Kooperationspartner: Alastair Williams, leader of the Atmospheric Research group, Australian Nuclear Science and Technology Organisation; ANSTO; Australia
Art der Kooperation: Research cooperation

Conen, Franz

Kooperationspartner: Yakutin, Mikhail V., Professor; Siberian Branch of the Russian Academy of Sciences; Russia
Art der Kooperation: Research cooperation

Defila, Rico; Di Giulio, Antonietta

Kooperationspartner: Stelzer, Franziska, Dr.; Wuppertal Institut für Klima, Umwelt, Energie; Germany
Art der Kooperation: Research cooperation

Defila, Rico; Di Giulio, Antonietta

Kooperationspartner: Binder, Claudia R., Prof. Dr.; Ludwig-Maximilians-Universität München (LMU); Germany
Art der Kooperation: Research cooperation

Defila, Rico; Di Giulio, Antonietta

Kooperationspartner: Bergmann, Matthias, Prof. Dr.; Institut für sozial-ökologische Forschung (ISOE), Frankfurt; Germany
Art der Kooperation: Research cooperation

Defila, Rico; Di Giulio, Antonietta

Kooperationspartner: Lang, Daniel, Prof. Dr.; Leuphana Universität Lüneburg; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Salvatore Ortisi, Prof.; Provinzialrömische Archäologie Universität München; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Nicolas Monteix, Maître de Conférences; Université de Rouen; France
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Markus Scholz, Prof.; Universität Frankfurt a.M.; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Marcus Zagermann, Wissenschaftlicher Mitarbeiter; Bayerische Akademie der Wissenschaften München; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Hampel, Andrea, Hauptkonservatorin; Denkmalamt Stadt Frankfurt a.M.; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Deschler-Erb, Eckhard, Prof.; Archäologisches Institut Universität Köln; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine

Kooperationspartner: Wenzel, Carsten, Kustos ; Archäologisches Museum Frankfurt ; Germany
Art der Kooperation: Research cooperation



Deschler-Erb, Sabine; Akeret, Ernst Örne

Kooperationspartner: Sophie Helas, wissenschaftliche Mitarbeiterin; Uni Bonn; Germany
Art der Kooperation: Research cooperation

Deschler-Erb, Sabine; Akeret, Ernst Örne

Kooperationspartner: Alexandra Busch, Direktorin; Röm.-Germ. Museum Mainz; Germany
Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Schierhold, Kerstin, Dr.; Landschaftsverband Westfalen-Lippe; Germany
Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Gutmiedl-Schumann, Doris, Prof. Dr.; Freie Universität Berlin; Germany
Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Scharl, Silvine, Prof. Dr.; University of Cologne; Germany
Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Krause-Kyora, Ben, Prof. Dr.; University of Kiel; Germany
Art der Kooperation: Research cooperation

Gerling, Claudia

Kooperationspartner: Benz, Marion, Dr.; University of Freiburg; Germany
Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Millet, Laurent; University de France-Comté; France
Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Koutsodendris, Andreas; University of Heidelberg; Germany
Art der Kooperation: Research cooperation

Heiri, Oliver

Kooperationspartner: Pross, Jörg; University of Heidelberg; Germany
Art der Kooperation: Research cooperation

Hoch, Günter

Kooperationspartner: Bankestad, Daniel, Research and Development Engineer ; Heliospectra AB; Sweden
Art der Kooperation: Research cooperation

Holm, Patricia

Kooperationspartner: Amaral Zettler, Linda, Dr. ; Royal Netherlands Institute for Sea Research ; The Netherlands
Art der Kooperation: Research cooperation

Holm, Patricia

Kooperationspartner: Gerdts, Gunnar, Dr./PhD; Alfred Wegener Institut; Germany
Art der Kooperation: Research cooperation

Holm, Patricia

Kooperationspartner: Seidel, Frank, Dr.-Ing. ; Karlsruher Institut für Technologie ; Germany
Art der Kooperation: Research cooperation



Huggenberger, Peter

Kooperationspartner: Zosseder, Kai, Dr. rer. nat, Lehrstuhl für Hydrogeologie; Technische Universität München; Germany
Art der Kooperation: Research cooperation

Jacomet, Stefanie

Kooperationspartner: Kreuz, Angela, Prof. Dr.; Denkmalpflege Hessen and Johannes-Gutenberg University, Mainz; Germany
Art der Kooperation: Research cooperation

Kuhn, Nikolaus J.

Kooperationspartner: Yaxian Hu, PhD; Northwestern Agriculture and Forestry University; China
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Rojo Guerra, Manuel A.; Departamento de Prehistoria y Arqueología, Universidad de Valladolid; Spain
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Krause, Johannes, Director; Max-Planck-Institut für Menschheitsgeschichte Jena; Germany
Art der Kooperation: Research cooperation

Pichler, Sandra

Kooperationspartner: Krause-Kyora, Ben; Institute of Clinical Molecular Biology; Germany
Art der Kooperation: Research cooperation

Schlumbaum, Angela

Kooperationspartner: Hofreiter, Michael; Universität Potsdam; Germany
Art der Kooperation: Research cooperation

Schlumbaum, Angela

Kooperationspartner: Orlando, Ludowig; Centre of Geogenetics; Denmark
Art der Kooperation: Research cooperation

Schlumbaum, Angela

Kooperationspartner: Ludwig, Arne; Leibniz-Institute for Zoo- and Wildlife Research; Germany
Art der Kooperation: Research cooperation

Spiske, Michaela

Kooperationspartner: Tsukamoto, Sumiko; LIAG Hannover; Germany
Art der Kooperation: Exchange of methods

Spiske, Michaela

Kooperationspartner: Pilarczyk, Jessica; Simon Fraser University; Canada
Art der Kooperation: Research cooperation

Spiske, Michaela

Kooperationspartner: Jaffe, Bruce; USGS; United States of America
Art der Kooperation: Research cooperation

Spiske, Michaela

Kooperationspartner: Weiss, Robert; Virginia Tech; United States of America
Art der Kooperation: Exchange of methods



Spiske, Michaela

Kooperationspartner: Feuillet, Nathalie; Institut de Physique du Globe de Paris; France
Art der Kooperation: Research cooperation

Spiske, Michaela

Kooperationspartner: Tang, Hui; GFZ, Potsdam; Germany
Art der Kooperation: Exchange of methods

Vogt, Roland

Kooperationspartner: Cermak, Jan, Professor; Karlsruhe Institute of Technology; Germany
Art der Kooperation: Research cooperation

Vogt, Roland

Kooperationspartner: Jacobson, Peter, Associate Professor; Department of Biology, Grinnell College; United States of America
Art der Kooperation: Research cooperation

Vogt, Roland

Kooperationspartner: Bott, Andreas, Professor; University of Bonn; Germany
Art der Kooperation: Research cooperation

Wojtczak, Dorota

Kooperationspartner: Veerle Rots; TRacéoLab, Université de Liège; Belgium
Art der Kooperation: Research cooperation

Wojtczak, Dorota; Malinsky-Buller, Ariel

Kooperationspartner: Ariel Malinsky-Buller; Monrepos, Archäologischen Forschungszentrums und Museums; Germany
Art der Kooperation: Research cooperation

Wojtczak, Dorota; Marquet, Jean-Claud

Kooperationspartner: Jean-Claud Marquet; Laboratoire Archéologie et Territoires Tours, UMR 7324 CITERES, 16, Place Richemont, FR-37550 Saint-Avertin; France
Art der Kooperation: Research cooperation

3.4 Aufenthalt von Gastprofessuren am Departement / Institut

Gastgeber: **Ebert, Dieter**

Gastprofessor/in: Prof. Jonathon Stillman; Professor/in; Berkely University
Forschungsaufenthalt von 01.09.2018 bis 31.07.2019 an der Universität Basel

Gastgeber: **Ismail-Meyer, Kristin**

Gastprofessor/in: Barbora Wouters; Assistierende/r mit Doktorat; Vrije Universiteit Brussel/Aarhus University Denmark
Forschungsaufenthalt von 02.04.2019 bis 05.04.2019 an der Universität Basel

Gastgeber: **Kalberer, Markus**

Gastprofessor/in: Zhiui Joseph Zhang; Assistierende/r mit Doktorat; University of Cambridge
Forschungsaufenthalt von 01.12.2019 bis 20.05.2020 an der Universität Basel



4 Konferenzen/Tagungen

4.1 Organisation wissenschaftl. Tagungen / Konferenzen

Naturschutz in und um Basel 2019

Organisiert durch: **Baur, Bruno**

Dauer von 01.02.2019 bis 01.02.2019

Finanziert durch: DUW

International Workshop on Archaeological Soil Micromorphology

Organisiert durch: **Brönnimann, David; Pümpin, Christine; Lo Russo, Sarah; Rentzel, Philippe; Ismail-Meyer, Kristin**

Dauer von 02.09.2019 bis 04.09.2019

Finanziert durch: CH-QUAT; DUW Uni Basel; Archäologie Schweiz

From micro- to macroscale: It's all a matter of perspective

Organisiert durch: **Brönnimann, David; Rentzel, Philippe; Ismail-Meyer, Kristin; Pümpin, Christine; Lo Russo, Sarah**

Dauer von 06.09.2019 bis 06.09.2019

Finanziert durch: none

Runder Tisch zum Thema "Die Toten zum Sprechen bringen"

Organisiert durch: **Deschler-Erb, Sabine**

Dauer von 19.10.2019 bis 19.10.2019

Finanziert durch: GPV

Annual meeting of the EAA, Session "Transitions in Agriculture: Integrating Archaeological Sciences"

Organisiert durch: **Deschler-Erb, Sabine; Grau, Idoia; Wright, Elizabeth Lizzie**

Dauer von 06.09.2019 bis 06.09.2019

Finanziert durch: none

EAA, Session "Living on the edge? New advances on peripheral space in prehistory"

Organisiert durch: **Gerling, Claudia; Scharl, Silvine**

Dauer von 07.09.2019 bis 07.09.2019

Finanziert durch: none

Food economy and foodways of Jews and Muslims through the ages – archaeological insights

Organisiert durch: **Grau, Idoia**

Dauer von 04.09.2019 bis 07.09.2019

Finanziert durch: none

Wissenschaftsapéro 2019

Organisiert durch: **Holm, Patricia**

Dauer von 18.11.2019 bis 18.11.2019

Finanziert durch: Universität Basel

Excavations of modern-age cemeteries and their potential for social history and evolutionary medicine

Organisiert durch: **Pichler, Sandra; Hotz, Gerhard**

Dauer von 15.11.2019 bis 16.11.2019

Finanziert durch: sc nat, DUW-IPNA, NMBS

CH-QUAT Meeting 2019: Anthropocene: Human impact during the Quaternary

Organisiert durch: **Pümpin, Christine**

Dauer von 30.04.2019 bis 30.04.2019

Finanziert durch: SCNAT; CH-QUAT; Uni Basel



Table ronde: Mauern & Mörtel
Organisiert durch: **Rentzel, Philippe**
Dauer von 22.10.2019 bis 22.10.2019
Finanziert durch: no funding

Mauern & Mörtel – naturwissenschaftlich betrachtet
Organisiert durch: **Rentzel, Philippe**
Dauer von 17.01.2019 bis 17.01.2019
Finanziert durch: no funding

Dark earth - Eine Annäherung aus geoarchäologischer Sicht
Organisiert durch: **Rentzel, Philippe; Pümpin, Christine; Lo Russo, Sarah**
Dauer von 02.05.2019 bis 02.05.2019
Finanziert durch: no funding

Annual meeting of the EAA, Session : Crop Husbandry across the Iron Age and Roman periods: Bringing Together the Picture of Humancrop Interaction across Europe
Organisiert durch: **Vandorpe, Patricia; Zech, Véronique; Lodwick, Lisa; Alonso, Natalia**
Dauer von 04.09.2019 bis 07.09.2019
Finanziert durch: no

4.2 Eingeladene Konferenzvorträge (key-note lectures, plenum or symposium)

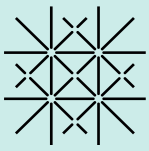
Vortragende/r: **Akeret, Ernst Öрни**, Assistierende/r mit Doktorat
Titel des Vortrags: Pflanzenfunde aus dem Abri Oberriet-Unterkobel, Kanton St. Gallen, Schweiz (Mesolithikum bis Eisenzeit)
Name der Tagung/Konferenz: Jahrestreffen der Arbeitsgruppe Archäobotanik des Arbeitskreises Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft

Vortragende/r: **Akeret, Ernst Öрни; Kühn, Maria Luise Marlu; Wick, Lucia**, Andere
Titel des Vortrags: Plant remains from the Early Bronze Age lakehore settlement of Beinwil am See Ägelmoos: the first archaeobotanical results from Lake Hallwil, Switzerland
Name der Tagung/Konferenz: 18 conference of the International Workgroup for Palaeoethnobotany

Vortragende/r: **Antolin, Ferran**, Professor/in
Titel des Vortrags: Laboratory: naked wheat
Name der Tagung/Konferenz: 18th Conference of the International Group For Palaeoethnobotany

Vortragende/r: **Antolin, Ferran**, Professor/in
Titel des Vortrags: From waste to taste: estimating the caloric contribution of plant and animal resources to human diet in wellpreserved waterlogged sites
Name der Tagung/Konferenz: Current approaches to farming and food practices during Late Prehistory

Vortragende/r: **Antolin, Ferran**, Professor/in
Titel des Vortrags: The AgriChange Project (2018-2021): an interdisciplinary approach to agricultural change in the Neolithic in Western Europe
Name der Tagung/Konferenz: UoB SAFS Guest Lecture series



Vortragende/r: **Antolin, Ferran**, Professor/in

Titel des Vortrags: Neolithic beer production in the Iberian Peninsula? A revision of the available evidence in Can Sadurní Cave

Name der Tagung/Konferenz: Ancient beer: multidisciplinary approaches for its identification in the archaeological record

Vortragende/r: **Antolin, Ferran**, Professor/in

Titel des Vortrags: The AgriChange Project (2018–2021): an interdisciplinary approach to agricultural change in the Neolithic in Western Europe

Name der Tagung/Konferenz: Forschungskolloquium

Vortragende/r: **Antolin, Ferran**, Professor/in

Titel des Vortrags: First results of the application of geometric morphometrics to distinguish between wild and domestic seeds of *P. somniferum*. What next?

Name der Tagung/Konferenz: History of Opium Poppy from Prehistoric times in Europe

Vortragende/r: **Baur, Bruno**, Professor/in

Titel des Vortrags: 20 Jahre Forum Biodiversität Schweiz: Aufgaben und Erfolgsfaktoren

Name der Tagung/Konferenz: 2nd Bridging Workshop Science and Practice in Conservation

Vortragende/r: **Baur, Bruno**, Professor/in

Titel des Vortrags: Alpine Schnecken - Langsam aber erfolgreich

Name der Tagung/Konferenz: Bündner Naturmuseum

Vortragende/r: **Braschler, Brigitte**, Assistierende/r mit Doktorat

Titel des Vortrags: The function of a set-aside railway bridge in connecting urban habitats

Name der Tagung/Konferenz: British Ecological Society: Annual Meeting

Vortragende/r: **Braschler, Brigitte**, Assistierende/r mit Doktorat

Titel des Vortrags: Urbane Gärten: Ein Beitrag zum Naturschutz?

Name der Tagung/Konferenz: Naturschutz in und um Basel

Vortragende/r: **Braschler, Brigitte**, Assistierende/r mit Doktorat

Titel des Vortrags: The function of a set-aside railway bridge in connecting urban habitats

Name der Tagung/Konferenz: GfÖ2019: Science meets practice, 49th Annual Meeting of the Ecological Society of Germany, Austria and Switzerland

Vortragende/r: **Brönnimann, David**, Assistierende/r mit Doktorat

Titel des Vortrags: More than bullshit! Interdisciplinary investigation of dung layers from two prehistoric sites and its significance at the micro- and macroscale

Name der Tagung/Konferenz: 25th Annual Meeting EAA 2019

Vortragende/r: **Brönnimann, David**, Assistierende/r mit Doktorat

Titel des Vortrags: Auf die Perspektive kommt es an! Neueste Ergebnisse interdisziplinärer Forschung zur latènezeitlichen Siedlung Basel-Gasfabrik

Name der Tagung/Konferenz: Ur- und Frühgeschichtliches Kolloquium Universität Freiburg i. Br.



Vortragende/r: **Brönnimann, David; Joray, Sophia; Maise, Christian**, Assistierende/r mit Doktorat
Titel des Vortrags: Mittelbronzezeit im Fokus! Einblicke in das interdisziplinäre Forschungsprojekt MAGIA
Name der Tagung/Konferenz: Ur- und Frühgeschichtliches Forschungskolloquium der Universität Zürich

Vortragende/r: **Deschler-Erb, Sabine**, Professor/in
Titel des Vortrags: La contribution de l'archéobiologie à l'étude de l'artisanat romain
Name der Tagung/Konferenz: Seminario internacional project Dicta

Vortragende/r: **Deschler-Erb, Sabine**, Professor/in
Titel des Vortrags: Bad luck always comes in threes -Early climate, economic and social crisis from the archaeobiological point of view
Name der Tagung/Konferenz: CH-QUAT Jahrestagung, Thema «Anthropozän: menschlicher Einfluss während des Quartärs»

Vortragende/r: **Deschler-Erb, Sabine**, Professor/in
Titel des Vortrags: Archäozoologie und Gräberforschung: Ein Plädoyer
Name der Tagung/Konferenz: Kolloquium „Tod im Rheinland. Aktuelle Forschungen“

Vortragende/r: **Deschler-Erb, Sabine; Vandorpe, Patricia**, Professor/in
Titel des Vortrags: Archäobiologische Untersuchungen zu den spätlatènezeitlichen Brandgräbern und «Deponierungen» in Regensdorf-Geissberg/Gubrist (ZH)
Name der Tagung/Konferenz: Jahresversammlung ARS

Vortragende/r: **Epting, Jannis**, Privatdozent/in
Titel des Vortrags: Urban Geology – Process-Oriented Concepts for Adaptive and Integrated Resource Management
Name der Tagung/Konferenz: EGU General Assembly - Invited introduction talk for pico session HS8.2.7 - Urban groundwater: a strategic resource

Vortragende/r: **Gerling, Claudia**, Andere
Titel des Vortrags: Isotopenanalysen in der Archäologie: Informationspotential und Beispiele aus Westfalen
Name der Tagung/Konferenz: Jahreshauptversammlung der Altertumskommission für Westfalen

Vortragende/r: **Grau, Idoia**, Assistierende/r mit Doktorat
Titel des Vortrags: Animal husbandry between the Late Roman period and the Early Middle Ages in the Rhine Valley: integrating zooarchaeology and stable isotope analysis
Name der Tagung/Konferenz: Arbeitsgemeinschaft für die provinzialrömische Forschung in der Schweiz (ARS)

Vortragende/r: **Grau, Idoia**, Assistierende/r mit Doktorat
Titel des Vortrags: Identidades socio-culturales y religiosas en el centro-norte peninsular durante la Edad Media: una perspectiva zooarqueológica
Name der Tagung/Konferenz: MINORÍAS Y TRANSICIONES EN LA EDAD MEDIA A TRAVÉS DE LA ZOOARQUEOLOGÍA (SIGLOS X-XV)

Vortragende/r: **Heiri, Oliver**, Professor/in
Titel des Vortrags: How far back for pristine lakes? Early human impact on Swiss lake ecosystems
Name der Tagung/Konferenz: CH-QUAT Annual Meeting 2019



Vortragende/r: **Heiri, Oliver**, Professor/in

Titel des Vortrags: What is natural? And what do little bits of insects have to do with this?

Name der Tagung/Konferenz: Pint of Science Festival

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: Antarktis - Wie Tiere Grenzräume des Lebens meistern

Name der Tagung/Konferenz: Geographische Gesellschaft Basel

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: Von Walen und Menschen

Name der Tagung/Konferenz: Inner Wheel Club Berner Oberland

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: "Sustainable Development": Einblicke in die Forschung zur nachhaltigen Bewirtschaftung der Ressourcen.

Name der Tagung/Konferenz: Förderverein Universität Basel

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: Mikroplastik-Vorkommen in Gewässern der Schweiz und international

Name der Tagung/Konferenz: EDA - Maritimes Kränzli

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: Mikroplastik - selbst in der entlegenen Antarktis nachweisbar?

Name der Tagung/Konferenz: Ricola Foundation

Vortragende/r: **Holm, Patricia**, Professor/in

Titel des Vortrags: Mikroplastik

Name der Tagung/Konferenz: Naturwissenschaftliche Gesellschaft Winterthur

Vortragende/r: **Huggenberger, Peter**, Professor/in

Titel des Vortrags: Welche Rolle spielen Erdwärmesonden bei der Planung der Untergundnutzung in der Region Nordwestschweiz

Name der Tagung/Konferenz: Fachgespräch Durchlässigkeitsveränderung durch Erdwärmesonden - Auswirkungen auf die Genehmigungssituation

Vortragende/r: **Jiskra, Martin**, Assistierende/r mit Doktorat

Titel des Vortrags: Plenary lecture on Terrestrial mercury cycling in a changing environment

Name der Tagung/Konferenz: 14th International Conference on Mercury as a Global Pollutant

Vortragende/r: **Kalberer, Markus**, Professor/in

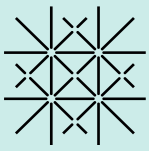
Titel des Vortrags: Organic Aerosol composition: effects on health and climate

Name der Tagung/Konferenz: Colloquium in Climatology, Climate Impact and Remote Sensing

Vortragende/r: **Kalberer, Markus**, Professor/in

Titel des Vortrags: Processing organic aerosols in the atmosphere

Name der Tagung/Konferenz: Seminarreihe IAC



Vortragende/r: **Kalberer, Markus**, Professor/in
Titel des Vortrags: Nanoparticles in the atmosphere
Name der Tagung/Konferenz: Nanoscience in the Snow 2019

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Low temperature limits of flowering plants
Name der Tagung/Konferenz: Festkolloquium Büdel, Universität Kaiserslautern

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Fundamentals of ecosystem responses to elevated CO₂
Name der Tagung/Konferenz: American Geophysical Union Fall Meeting

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Alpine biota under environmental change
Name der Tagung/Konferenz: International Mountain Conference

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Ecology of succession: a special aspect or a common place?
Name der Tagung/Konferenz: Succession Symposium, University Salzburg

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Eco-hydrological consequences of global change in mountains
Name der Tagung/Konferenz: Kolloquium Boden-Luft-Wasser, Universität Freiburg

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Climate change and the thermal limits of trees
Name der Tagung/Konferenz: Climate change and climate policy: Symposium der Finnischen Aue-Stiftung

Vortragende/r: **Körner, Christian**, Professor/in
Titel des Vortrags: Langzeit Monitoring im Hohe Tauern National Park
Name der Tagung/Konferenz: Synthese-Tagung Long-Term Monitoring Nationalpark Hohe Tauern

Vortragende/r: **Kühn, Maria Luise Marlu**, Assistierende/r mit Doktorat
Titel des Vortrags: Untersuchung einer Mistlage von der jungsteinzeitlichen Ufersiedlung Weyregg am Attersee (Oberösterreich)
Name der Tagung/Konferenz: Jahrestreffen ARChäobotanik des Arbeitskreises Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft

Vortragende/r: **Kühn, Maria Luise Marlu**, Assistierende/r mit Doktorat
Titel des Vortrags: Aspects of ruminant husbandry in Weyregg II
Name der Tagung/Konferenz: Projektmeeting "Zeitensprung"

Vortragende/r: **Kühn, Maria Luise Marlu**, Assistierende/r mit Doktorat
Titel des Vortrags: Morphology of naked wheat
Name der Tagung/Konferenz: 18th Conference of the International Workgroup for Palaeoethnobotany



Vortragende/r: **Kühn, Maria Luise Marlu**, Assistierende/r mit Doktorat
Titel des Vortrags: Plant based diet and landscape management at the Late Iron Age (150-80 BC) proto-urban settlement of Basel-Gasfabrik (Switzerland) and its hinterland
Name der Tagung/Konferenz: 18th Conference of the International Workgroup for Palaeoethnobotany

Vortragende/r: **Lo Russo, Sarah**, Andere
Titel des Vortrags: Same same but different? The limits and possibilities of analogies in (Geo)Archaeology
Name der Tagung/Konferenz: European Association of Archaeologists (EAA) - Conference

Vortragende/r: **Parlow, Eberhard**, Professor/in
Titel des Vortrags: Commemoration for Prof. P. Gudmandsen
Name der Tagung/Konferenz: The 39th EARSeL Symposium

Vortragende/r: **Pichler, Sandra**, Andere
Titel des Vortrags: Die eisenzeitliche Necropole von Francavilla Maritima – erste archäoanthropologische Ergebnisse zu den Grabungskampagnen 2009-2018
Name der Tagung/Konferenz: Burial customs and identity in contact zones of the Greek colonial world

Vortragende/r: **Pichler, Sandra**, Andere
Titel des Vortrags: Forget about sex – let us talk about gender
Name der Tagung/Konferenz: 25th Annual Meeting of the European Association of Archaeologists

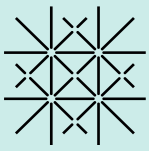
Vortragende/r: **Pümpin, Christine**, Doktorand/in
Titel des Vortrags: Der Beitrag der Mikromorphologie zur Entschlüsselung von Dark Earth Ablagerungen auf dem Basler Münsterhügel (CH) und dessen Umgebung
Name der Tagung/Konferenz: Archäologisches Kolloquium

Vortragende/r: **Rentzel, Philippe**, Privatdozent/in
Titel des Vortrags: Geoarchäologische Untersuchung der antiken Bauplätze des Theaters
Name der Tagung/Konferenz: Forschungsforum Augusta Raurica

Vortragende/r: **Rentzel, Philippe; Brönnimann, David; Lo Russo, Sarah; Ismail-Meyer, Kristin; Pümpin, Christine**, Privatdozent/in
Titel des Vortrags: From micro- to macroscale: It's all a matter of perspective
Name der Tagung/Konferenz: EAA, Annual Meeting Bern 2019

Vortragende/r: **Röder, Brigitte; Joray, Sophia; Brönnimann, David; Maise, Christian; Matter, Georg; Rentzel, Philippe**, Professor/in
Titel des Vortrags: Gränichen-Lochgasse im Fokus: Interdisziplinäre Forschungen zum mittelbronzezeitlichen Siedlungswesen im Kanton Aargau
Name der Tagung/Konferenz: Jahrestagung der Arbeitsgemeinschaft für die Urgeschichtsforschung in der Schweiz

Vortragende/r: **Salzburger, Walter**, Professor/in
Titel des Vortrags: Lake Tanganyika's Life
Name der Tagung/Konferenz: Lake Tanganyika Drilling Workshop



Vortragende/r: **Salzburger, Walter**, Professor/in
Titel des Vortrags: Die Evolution der Buntbarsche im Tanganjikasee
Name der Tagung/Konferenz: DCG Symposium

Vortragende/r: **Scheidler, Stefan**, Andere
Titel des Vortrags: Integration of Geological Structures into a Numerical Groundwater Model Using the Example of the Pilot Project Davos
Name der Tagung/Konferenz: COMSOL Geoscience Day

Vortragende/r: **Schlumbaum, Angela**, Assistierende/r mit Doktorat
Titel des Vortrags: Ancient DNA and Osteometry of cattle from Iron Age to Medieval times in NW Switzerland
Name der Tagung/Konferenz: Archaeozoology, Genetics, Proteomics and Morphometrics

Vortragende/r: **Spiske, Michaela**, Professor/in
Titel des Vortrags: Sedimentary and erosional evidence of historical tsunamis on Anegada, British Virgin Islands
Name der Tagung/Konferenz: IOC-UNESCO expert meeting "Credible Sources for Tsunamis in the Lesser Antilles"

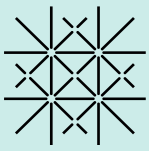
Vortragende/r: **Spiske, Michaela**, Privatdozent/in
Titel des Vortrags: Geological evidence of tsunamis in the northeastern Caribbean
Name der Tagung/Konferenz: CARQUAKES meeting

Vortragende/r: **Spiske, Michaela**, Privatdozent/in
Titel des Vortrags: Tsunamis – Gefahr (nicht nur) aus dem Meer
Name der Tagung/Konferenz: Kolloquium der Naturforschenden Gesellschaft Basel

Vortragende/r: **Steiner, Bigna**, Assistierende/r mit Doktorat
Titel des Vortrags: Die Languedoc Lagunenlandschaft und der Mensch: Aufbau einer Vergleichsdatenbank botanischer Makroreste für das Verständnis der Rolle des Wassers in der Sedimentations-dynamik der antiken Hafenstadt Lattara
Name der Tagung/Konferenz: Jahrestreffen der Arbeitsgruppe Archäobotanik des Arbeitskreises Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft

Vortragende/r: **Steiner, Bigna; Ismail-Meyer, Kristin; Heitz-Weniger, Annekäthi; Schäfer, Marguerita; Gross, Eda; Antolin, Ferran; Rentzel, Philippe**, Assistierende/r mit Doktorat
Titel des Vortrags: It's all water under the house? Transdisciplinary evaluation of a profile section from the Neolithic lakeshore settlement Zug-Riedmatt (Switzerland)
Name der Tagung/Konferenz: European Association of Archaeologists (EAA)

Vortragende/r: **Studer, Anja**, Assistierende/r mit Doktorat
Titel des Vortrags: The efficiency of the biological pump in the Southern Ocean and its role in controlling past atmospheric CO₂ concentrations
Name der Tagung/Konferenz: European Geosciences Union



Vortragende/r: **Ursenbacher, Sylvain**, Assistierende/r mit Doktorat
Titel des Vortrags: Metabarcoding as a tool to determine feeding behaviour - is the European pond turtle a threat for other endangered species?
Name der Tagung/Konferenz: 20th SEH – European Congress of Herpetology.

Vortragende/r: **Ursenbacher, Sylvain**, Professor/in
Titel des Vortrags: Eurasian vipers: can they be used as flagship species?
Name der Tagung/Konferenz: Venomous snake as flagship species

Vortragende/r: **Ursenbacher, Sylvain**, Assistierende/r mit Doktorat
Titel des Vortrags: Le lézard vert défis liés à la présence emblématique de ce spécialiste des lieux naturels secs et ensoleillés
Name der Tagung/Konferenz: Cercle des Sciences Naturelles de Vevey-Montreux

Vortragende/r: **Ursenbacher, Sylvain**, Assistierende/r mit Doktorat
Titel des Vortrags: Génétique : connaissances actuelles et réintroduction, relâcher d'individus erratiques
Name der Tagung/Konferenz: Journées techniques Cistudes

Vortragende/r: **Ursenbacher, Sylvain**, Assistierende/r mit Doktorat
Titel des Vortrags: Le lézard vert défis liés à la présence emblématique de ce spécialiste des lieux naturels secs et ensoleillés
Name der Tagung/Konferenz: Cercle des Sciences Naturelles de Nyon

Vortragende/r: **Ursenbacher, Sylvain; Zwahlen, Valerie; Geser, Silvia; Kaiser, Laura; Dubey, Sylvain**, Assistierende/r mit Doktorat
Titel des Vortrags: Sex-biased dispersal in the Asp viper
Name der Tagung/Konferenz: 20th SEH – European Congress of Herpetology

Vortragende/r: **Vandorpe, Patricia**, Andere
Titel des Vortrags: Beigabensitten in der römischen Schweiz: ein Überblick aus Sicht der Archäobotanik
Name der Tagung/Konferenz: Kolloquium "Tod im Rheinland. Aktuelle Forschungen.

Vortragende/r: **Vandorpe, Patricia**, Andere
Titel des Vortrags: Food for the afterlife? Contribution of the archaeobotanical evidence in Roman cremation graves to burial practices in Switzerland
Name der Tagung/Konferenz: 18th Conference of the International Workgroup for Palaeoethnobotany

Vortragende/r: **Wehmeyer, Helena**, Doktorand/in
Titel des Vortrags: Socioeconomic structure matters: Case study: CORIGAP in Myanmar and next steps for 2019
Name der Tagung/Konferenz: CORIGAP-PRO: Closing Rice Yield Gaps in Asia with Reduced Environmental Footprint (Phase 2), 3rd Annual Review and Planning Meeting

Vortragende/r: **Willi, Yvonne**, Professor/in
Titel des Vortrags: Warum so viel Biodiversität? - Grenzen der Artverbreitung und die Evolution der ökologischen Nische
Name der Tagung/Konferenz: Pint of Science Festival



Vortragende/r: **Willi, Yvonne**, Professor/in
Titel des Vortrags: Species distribution and climate
Name der Tagung/Konferenz: Plant Science Centre annual symposium

Vortragende/r: **Wojtczak, Dorota**, Andere
Titel des Vortrags: Scratching the surface: an attempt at microwear analysis on lithic material de La Roche-Cotard
Name der Tagung/Konferenz: Le site de la Roche-Cotard à Langeais (Indre-et-Loire) Enjeux de la connaissance et de la datation d'un site moustérien à productions à caractère symbolique

Vortragende/r: **Wojtczak, Dorota**, Andere
Titel des Vortrags: Early Middle Palaeolithic sites from Jordan and their contribution in understanding of a laminar occurrence in the Levant.
Name der Tagung/Konferenz: ICHAJ 14 International Conference on the History and Archaeology of Jordan Culture in Crisis: Flows of Peoples, Artifacts and Ideas

Vortragende/r: **Wojtczak, Dorota**, Andere
Titel des Vortrags: Sealed in stone: application of the use-wear analysis on stone assemblages from prehistoric sites (Example of Hayonim Cave, La Roche-Cotard and Abri Unterkobel)
Name der Tagung/Konferenz: Invited presentation, Institut für Archäologie

Vortragende/r: **Wojtczak, Dorota; Malinsky-Buller, Ariel**, Andere
Titel des Vortrags: BLADES IN RETROSPECT- THE CONTRIBUTION OF ABU SIF TO THE UNDERSTANDING OF THE TECHNOLOGICAL ORGANIZATION IN THE EARLY MIDDLE PALAEOOLITHIC
Name der Tagung/Konferenz: 25th EAA Annual Meeting

Vortragende/r: **Wojtczak, Dorota; Müller, Hildegard**, Andere
Titel des Vortrags: Roman Bone Artefacts – Experimental Archaeology and preliminary Studies of Use-Wear on Roman Bone Tools
Name der Tagung/Konferenz: Experimental Archaeology (EXARC), EAC11

Vortragende/r: **Wojtczak, Dorota; Müller, Hildegard; Deschler-Erb, Sabine**, Andere
Titel des Vortrags: Römische Stili aus Knochen – Experimentalarchäologie und Herstellungs- und Gebrauchsspurenanalyse.
Name der Tagung/Konferenz: Arbeitsgemeinschaft für die provinzialrömische Forschung in der Schweiz (ARS)

Vortragende/r: **Wright, Elizabeth Lizzie**, Assistierende/r mit Doktorat
Titel des Vortrags: The aurochs in Prehistoric Switzerland: humans and wild cattle in a diversity of landscapes
Name der Tagung/Konferenz: Socio-Environmental Dynamics over the Last 15,000 Years: The Creation of Landscapes VI

5 Publikationen

5.1 Originalarbeiten

Abdel-Dayem, Mahmoud Saleh; Elgharbawy, Ali A.; Rasool, Iftekhar; Nagel, Peter; Aldhafer, Hathal M..
2019. Carabidae (Coleoptera) of Shada Al-A'Ala Nature Reserve, Southwestern Saudi Arabia, with description of a new species of Paussinae. . *ZooKeys*. 812: p 93-131.



- Akeret, Örne; Deschler-Erb, S.; Kühn, Marlu.** 2019. The transition from Antiquity to the Middle Ages in present-day Switzerland: the archaeobiological point of view. *Quaternary International*. 499A: p 80-91.
- Alewell, Christine; Borrelli, Pasquale; Meusburger, Katrin; Panagos, Panos;** 2019. Using the USLE: Chances, challenges and limitations of soil erosion modelling. *International Soil and Water Conservation Research*. 7: p 203-225.
- Amrhein, Valentin; Trafimow, David; Greenland, Sander.** 2019. Inferential statistics as descriptive statistics: there is no replication crisis if we don't expect replication. *The American Statistician*. 73: p 262-270.
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- Ballabio, Cristiano; Lugato, Emanuele; Fernandez-Ugalde, Oihane; Orgiazzi, Alberto; Jones, Arwyn; Borrelli, Pasquale; Montanarella, Luca; Panagos, Panos.** 2019. Mapping LUCAS topsoil chemical properties at European scale using Gaussian process regression. *GEODERMA*. 355: p ARTN 113912.
- Barloggio, Guendalina; Tamm, Lucius; Nagel, Peter; Luka, Henryk;** 2019. Selective flowers to attract and enhance *Telenomus laeviceps* (Hymenoptera: Scelionidae), a released biocontrol agent of *Mamestra brassicae* (Lepidoptera: Noctuidae). *Bulletin of entomological research*. 109: p 160-168.
- Bartosiewicz, M.; Przytulska, A.; Deshpande, B. N.; Antoniadis, D.; Cortes, A.; MacIntyre, S.; Lehmann, M. F.; Laurion, I.** 2019. Effects of climate change and episodic heat events on cyanobacteria in a eutrophic polymictic lake. *Science of the Total Environment*. 693: p Unsp 133414.
- Bartosiewicz, M.; Przytulska, A.; Lapierre, J. F.; Laurion, I.; Lehmann, M. F.; Maranger, R.** 2019. Hot tops, cold bottoms: Synergistic climate warming and shielding effects increase carbon burial in lakes. *Limnology and Oceanography Letters*. 4: p 132-144.
- Baur, Bruno; Jung, Janina; Rusterholz, Hans-Peter.** 2019. Defoliation of wild native box trees (*Buxus sempervirens*): Does box rust (*Puccinia buxi*) infection influence herbivory, survival and growth of the invasive *Cydalima perspectalis*?. *Journal of Applied Entomology* . p 766–775.
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- Brinkmann, Nadine; Eugster, Werner; Buchmann, Nina; Kahmen, Ansgar.** 2019. Species-specific differences in water uptake depth of mature temperate trees vary with water availability in the soil.. *Plant biology (Stuttgart, Germany)*. p 29.
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5.2 Monographien und Sammelbände

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5.3 Dissertationen

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5.4 Habilitationen

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5.5 Weitere Beiträge (Reviews etc.)

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5.6 Für die breite Öffentlichkeit

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Hoch, Günter. 2019. Zwischen Nebelmeer und Trockenwüste: Die Kiefernwälder der Kanaren. . *Schweizerische Beiträge zur Dendrologie 2017-2018*, 08-01, p 89-95.

6 Ehrungen (Auszeichnungen und Preise)

Roser, Miriam

AlumniGeowissenschaften Preis 2019 - herausragende Masterarbeit
Green waste recycling fertilizer for agricultural sustainability

Schmidt, Simon

Förderpreis der Bodenkundlichen Gesellschaft der Schweiz 2019
Soil erosion risk map for Swiss grasslands

7 Weitere Leistungen

7.1 Leistungen zugunsten der Öffentlichkeit

Baur, Bruno, Professor/in

(Miliz-) Arbeitsstunden für Referate und Schulungen: 10 Stunden

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 30 Stunden

(Miliz-) Arbeitsstunden für Öffentlichkeitsarbeit: 30 Stunden

Deschler-Erb, Sabine, Professor/in

(Miliz-) Arbeitsstunden für Referate und Schulungen: 84 Stunden

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 42 Stunden

(Miliz-) Arbeitsstunden für Öffentlichkeitsarbeit: 42 Stunden

Grau, Idoia, Assistierende/r mit Doktorat

(Miliz-) Arbeitsstunden für Referate und Schulungen: 10 Stunden

Heiri, Oliver, Professor/in

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 25 Stunden

Kalberer, Markus, Professor/in

(Miliz-) Arbeitsstunden für Referate und Schulungen: 10 Stunden

Kühn, Maria Luise Marlu, Assistierende/r mit Doktorat

(Miliz-) Arbeitsstunden für Referate und Schulungen: 60 Stunden



Lehmann, Moritz, Professor/in

(Miliz-) Arbeitsstunden für Referate und Schulungen: 20 Stunden

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 30 Stunden

Lo Russo, Sarah, Andere

(Miliz-) Arbeitsstunden für Referate und Schulungen: 10 Stunden

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 30 Stunden

(Miliz-) Arbeitsstunden für Öffentlichkeitsarbeit: 5 Stunden

Pichler, Sandra, Andere

(Miliz-) Arbeitsstunden für Referate und Schulungen: 12 Stunden

(Miliz-) Arbeitsstunden für Gerichte, Behörden und andere öffentl. Institutionen: 38 Stunden

(Miliz-) Arbeitsstunden für Öffentlichkeitsarbeit: 15 Stunden