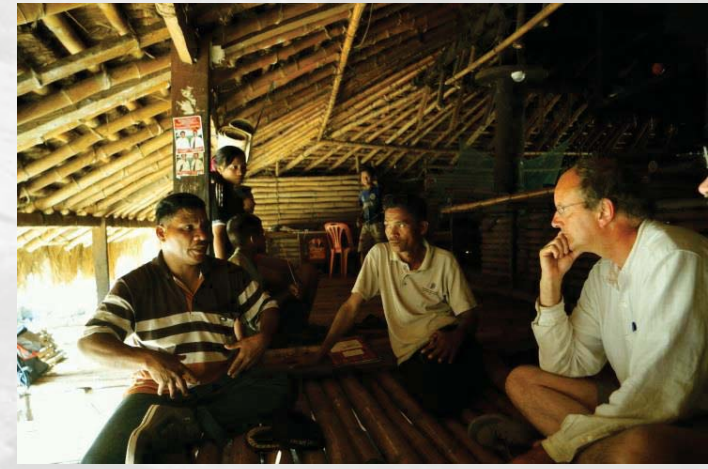


# Roots

Anlage 2

## Social, Environmental, and Cultural Connectivity in Past Societies



# Roots

Anlage 2

## Social, Environmental, and Cultural Connectivity in Past Societies



**Sprecher: Johannes Müller (Prähistorische und Historische Archäologie)**

**Stellv. SprecherInnen: Annette Haug (Klassische Archäologie), Wolfgang Rabbel (Geophysik)**

**Roots**

Anlage 2

Social, Environmental, and Cultural  
Connectivity in Past Societies

## Societal, Environmental and Cultural Change

### Förderung und Einrichtung von Professuren

- Umweltgeschichte
- Archäozoologie und Isotopenforschung
- Umweltarchäologie/Archäobotanik
- aDNA-Analyse (Juniorprofessur)
- Umweltethik
- Klassische Archäologie
- Umweltarchäologie
- Anthropologische Archäologie

### Johanna-Mestorf-Akademie

- institutioneller Rahmen für die dauerhafte Zusammenarbeit von CAU, ZBSA, ALM



2016 – SFB 1266 „Scales of Transformations“



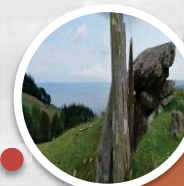
2011 – Einrichtung der Johanna-Mestorf-Akademie



2010 – Stipendienprogramm Collegium Philosophicum



2009 – SPP 1400 „Frühe Monumentalität“



2007 – GSC 208 „Human Development in Landscapes“



2007 – Einrichtung des Förderschwerpunkts SECC



# SFB 1266 TransformationsDimensionen:

Mensch-Umwelt Wechselwirkungen in Prähistorischen und Archaischen Gesellschaften

SCALES OF TRANSFORMATION  
Human-environmental Interaction in Prehistoric and Archaic Societies

Wechselwirkungen zwischen Mensch und Umwelt

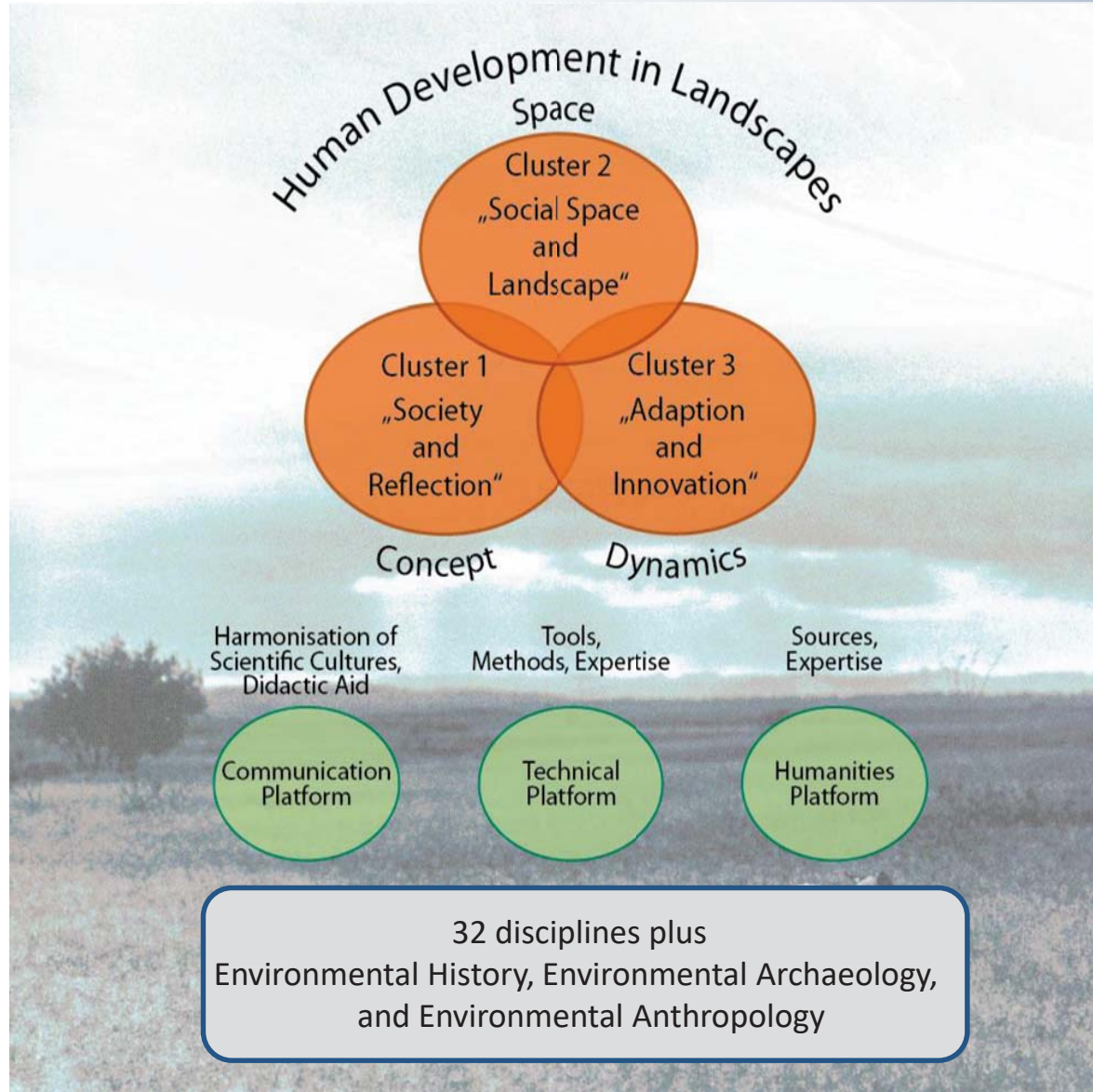
Entwicklungsdynamiken aus historischer Perspektive

Hinterlassenschaften von Gesellschaften





## Human Development in Landscapes



- Wie nehmen Gesellschaften ihre natürliche und kulturelle Umwelt wahr?
- Wie wird sozialer Raum organisiert im Verhältnis zur sich verändernden Umwelt?
- Wie beeinflussen Technik und Bevölkerungswachstum die Gestaltung von Landschaft und Gesellschaft?

# Johanna-Mestorf- Akademie seit 2011

Anlage 2

Ministerium für Wissenschaft,  
Wirtschaft und Verkehr  
des Landes Schleswig-Holstein



Anlage 2

NACHRICHTENBLATT

## Satzung über die Errichtung der Johanna-Mestorf-Akademie an der Christian-Albrechts-Universität zu Kiel vom 15. Dezember 2011

<http://www.uni-kiel.de/sy/2011/81-satzung-johanna-mestorf-akademie.pdf>

Hochschule

Ausgabe Nr. 1/2012  
Kiel, 2. März 2012

§ 1

### Errichtung und Aufgaben

(1) Die Johanna-Mestorf-Akademie ist eine zentrale Einrichtung der Christian-Albrechts-Universität zu Kiel unter der Verantwortung des Präsidiums nach § 34 HSG. Sie bildet

#### JOHANNA MESTORF AWARD for Socio-Environmental Research and Landscape Archaeology



This award for outstanding dissertations dealing with an area of socio-environmental research and landscape archaeology of past societies is open to young researchers of all scientific fields. It is endowed with a prize of

€ 3.000

by the Johanna Mestorf Academy (JMA) and the Graduate School Human Development in Landscapes (GSHDL) at Kiel University.

A young researcher with an outstanding dissertation that was completed not more than two years before the time of application can be nominated for the award by professors and supervisors within the GSHDL/JMA as well as by associated national and international partners of the Graduate School through the submission of a letter of recommendation. The prize may be shared and should benefit the scientific research of the awardee(s), but the use of the prize is optional within this framework.

For the current announcement period, recommendations must be submitted by

February 21, 2015

together with the corresponding doctoral dissertation. Please send recommendation letters and dissertations only as PDF via e-mail to [office@gshdl.uni-kiel.de](mailto:office@gshdl.uni-kiel.de).

The prize can only be awarded in the presence of the awardee. The presentation of the Johanna Mestorf Award will take place on March 24, 2015 at the open workshop "Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes" at the Graduate School.

Contact:

Dr. Mara Weinelt  
Graduate School  
Human Development in Landscapes  
Leibnizstr. 3  
24118 Kiel, Germany  
[office@gshdl.uni-kiel.de](mailto:office@gshdl.uni-kiel.de)



g) Wissenstransfer und Öffentlichkeitsarbeit.



roots – social, environmental, and cultural connectivity in past societies

First funding period:  
January 2019–December 2025





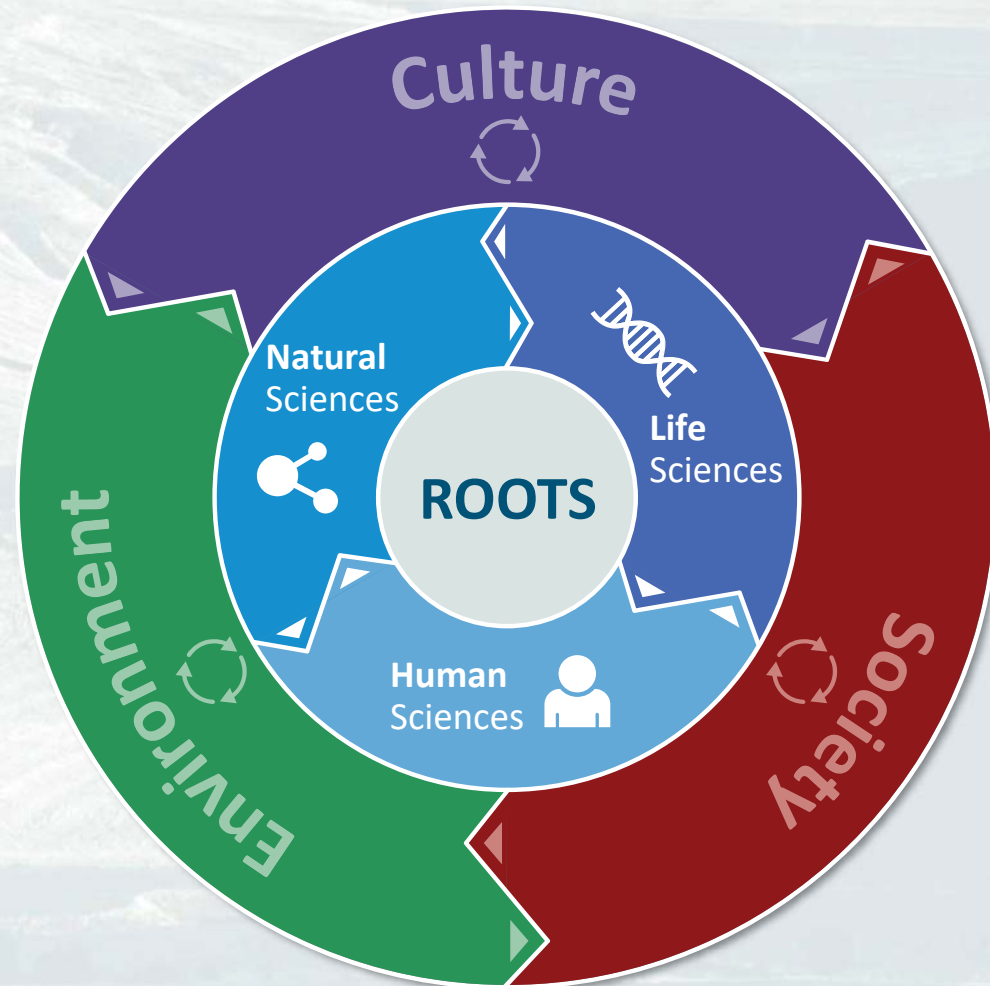
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# ROOTS: SOCIO-ENVIRONMENTAL RESEARCH

Anlage 2

## Grundkonzept

- Mensch-Umwelt Beziehung in unterschiedlichen Epochen
- Konnektivität sozialer, ökologischer und kultureller Aspekte





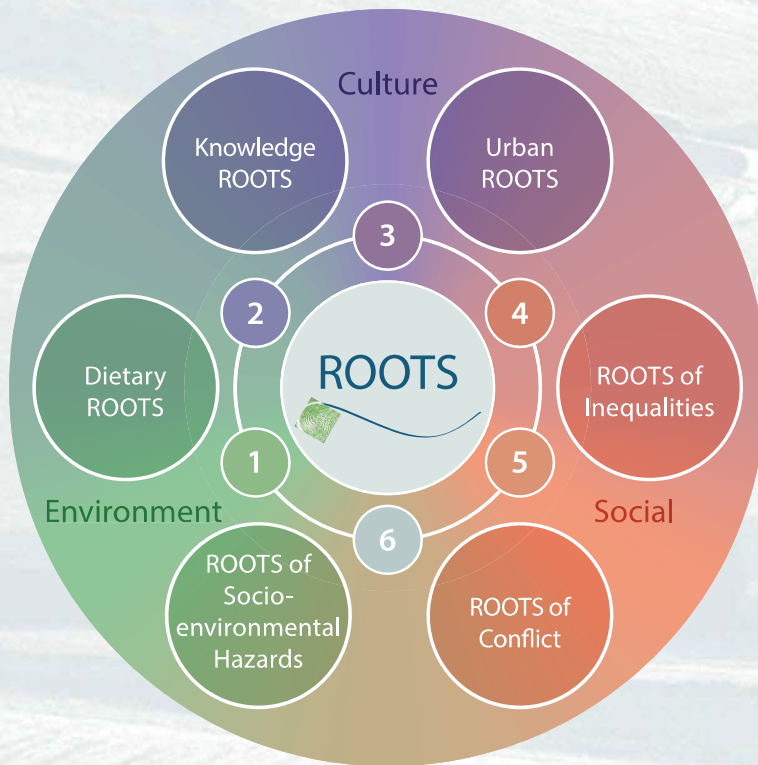


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# ROOTS: SOCIO-ENVIRONMENTAL RESEARCH

Anlage 2

## Konzept der Konnektivität

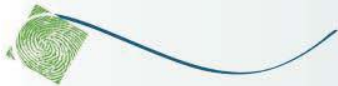


ROOTS von

- Umweltproblemen
- Ernährung und Krankheit
- Wissenproduktion
- urbanem Leben
- Sozialer Ungleichheit
- Konflikten und Konfliktlösungen



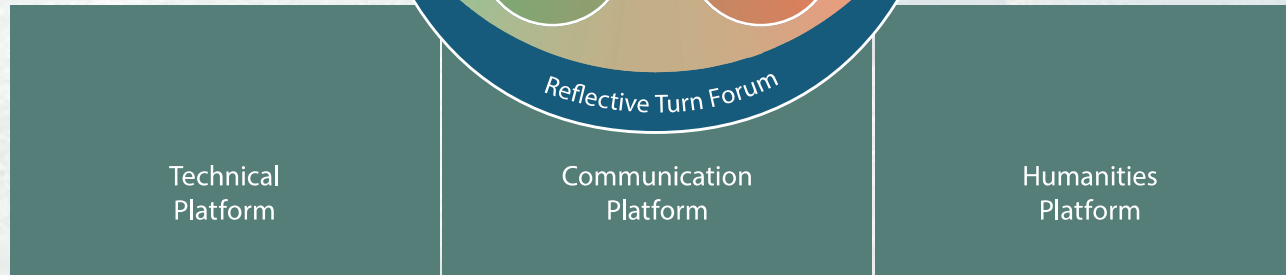
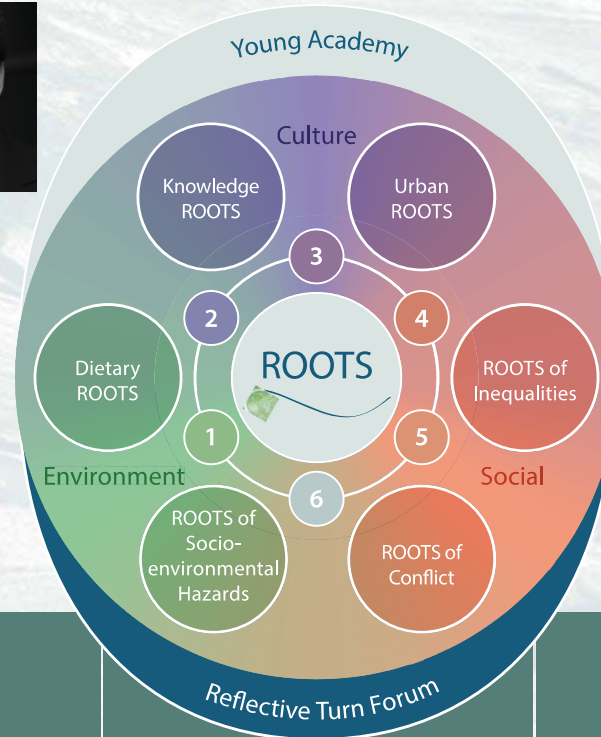
Forschungsschwerpunkte der Subcluster...



roots – social, environmental, and cultural connectivity in past societies

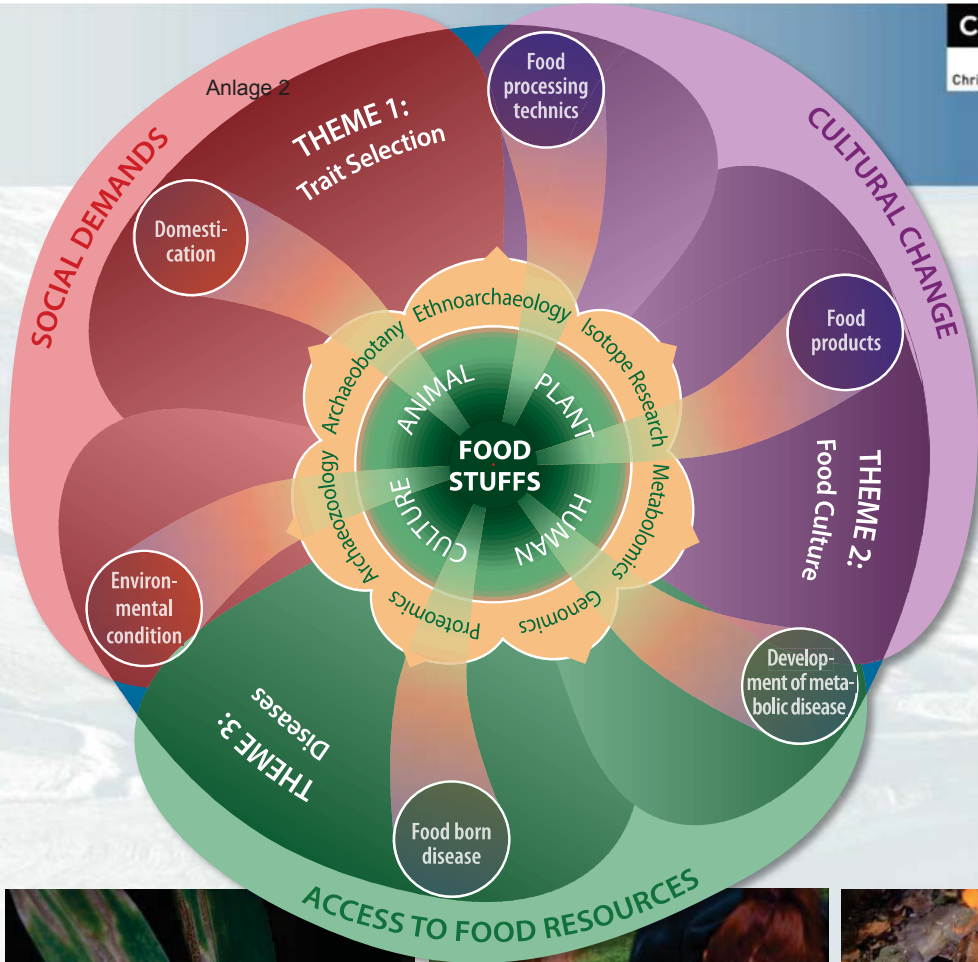
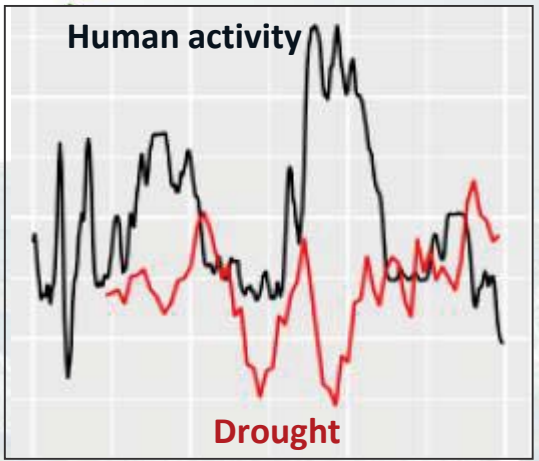
# ROOTS – Struktur und Forschungsgebiete

Anlage 2



- Ecosystem Research • Classical Studies • Prehistoric and Protohistoric Archaeology • Ancient History
- Environmental Archaeology • Archaeobotany • Archaeozoology • Isotope Research • Palaeoclimatology
- Material Science • Computer Science • Geology • Paleopedology • Philosophy • Economy • Palynology
- Landscape Geography and Geoinformatics • Molecular Biology • Medicine • Classical Archaeology
- Medieval History • Palaeogenetics • Pedagogics • Evolutionary Biology • Geobotany • Biochemistry
- Ethnoarchaeology • Cultural Heritage Studies • Social History





**SUBCLUSTER DIETS**



# SUBCLUSTER Konflikt- und Konfliktlösungen

Anlage 2



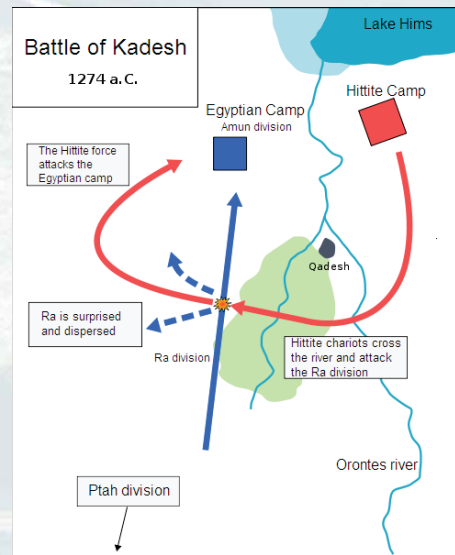
roots – social, environmental, and cultural connectivity in past societies



Bruszczewo FBZ-Verteidigungsanlage (1800 BCE)



MBA-rituelles Schlachtfeld  
Tollenseetal(30.000 Krieger, 1250 BCE)



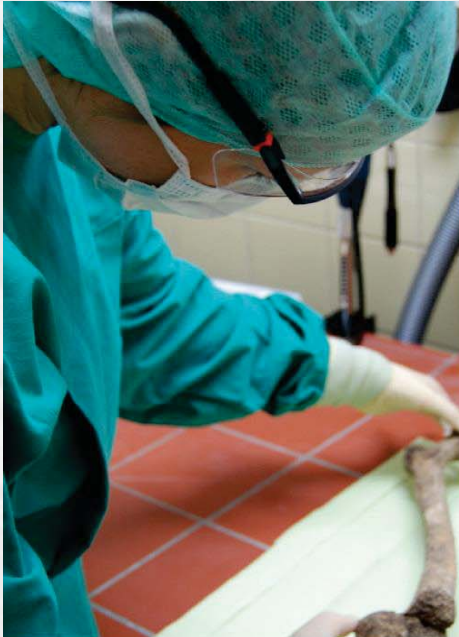
Ostmediterrane Staaten  
Kadesh (57.000 Krieger, 1274 BCE)



# Roots

## Social, Environmental, and Cultural Connectivity in Past Societies

Anlage 2



Evolutionsbiologie

Alte Geschichte

Regionalgeschichte

Ökosystem/Geoarch

Palynologie

Landschaftsökologie u.

Geoinformatik

Geobotanik

Paläolithische

Archäologie

Umwelt-

Wirtschaftsgesch.

Mittelalter

Europäische Ethnologie

Klassische Archäologie

Pädagogik

Altphilologie

Materialkunde

Umweltarchäologie

aDNA

Archäozoologie/Isotopie

Restaurierung

Mineralogie

Prähistorische

Archäologie

Historische Archäologie

Molekularbiologie

Slawistik

Philosophie

Anthropologische

Archäologie

Geophysik

Geologie

Umweltgeschichte

Paläoklimatologie

Geochemie

Informatik

Literaturgeschichte

Soziolinguistik



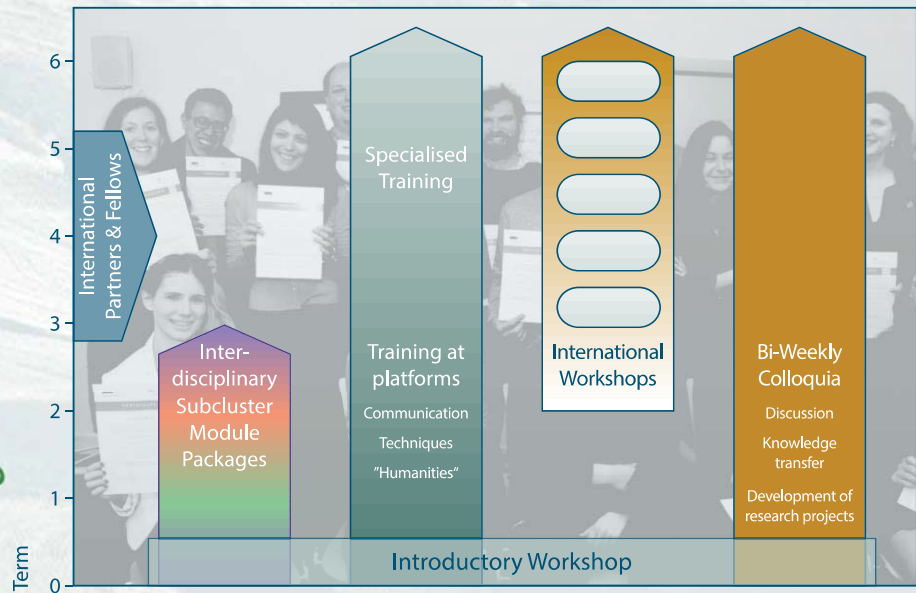
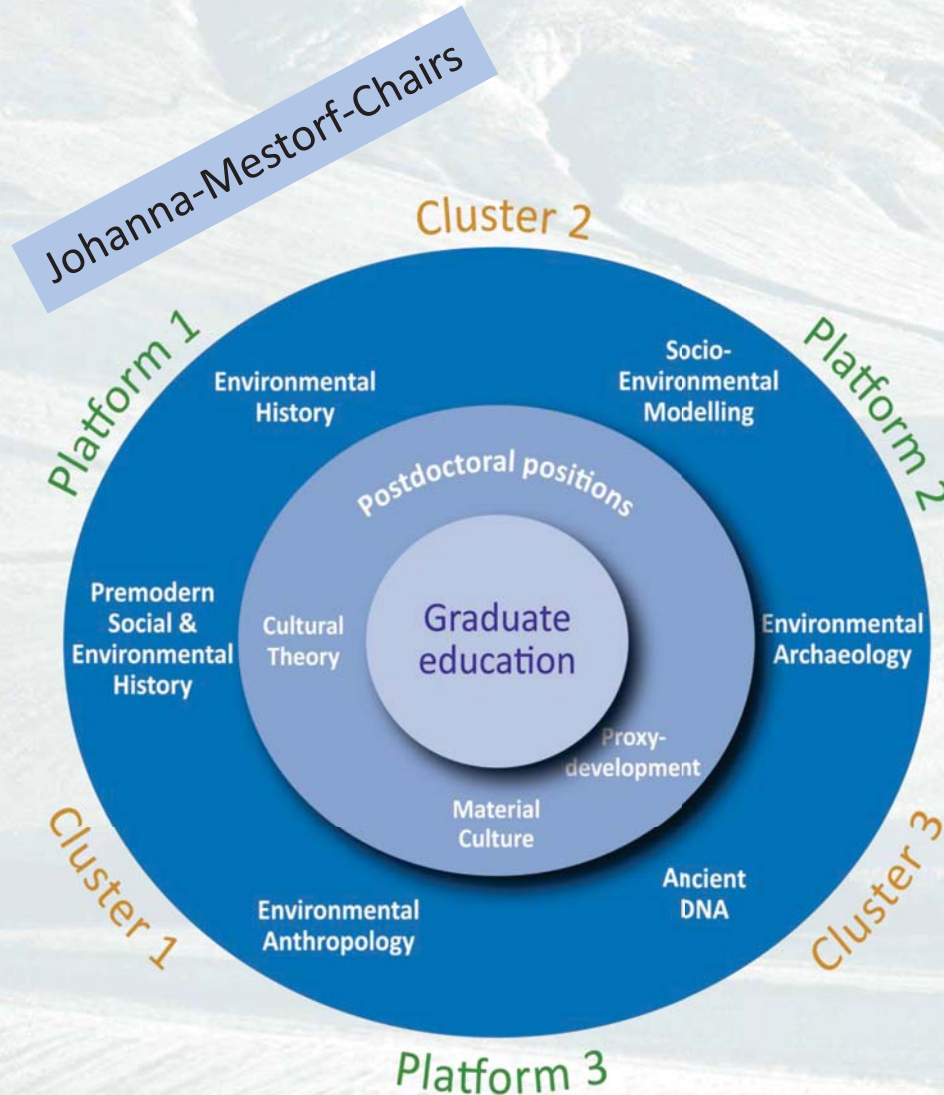


roots – social, environmental, and cultural connectivity in past societies

# ROOTS YOUNG ACADEMY

Anlage 2

## Ein stimulierender „Denkraum“



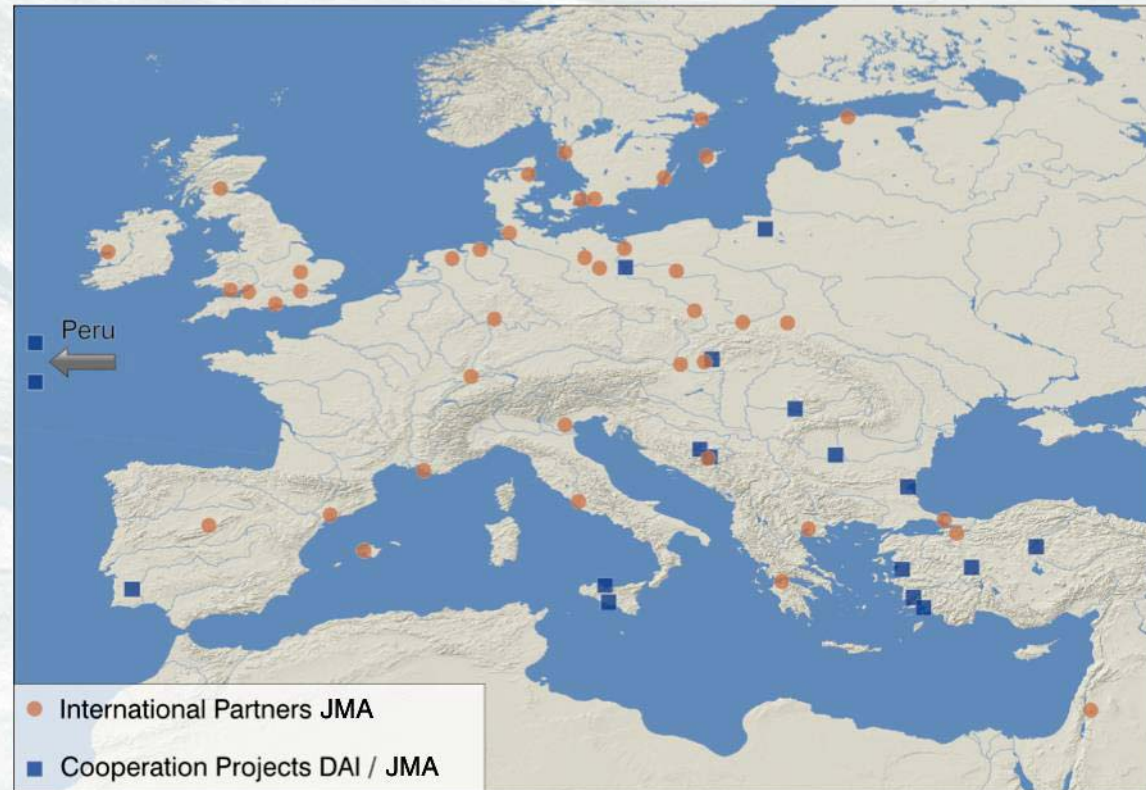
**“Lehrendes Forschen – Forschendes Lernen”  
(W. v. Humboldt)**



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# DAS KOOPERATIONSNETZWERK

Anlage 2





Attractive formats:

- Exhibitions
- life observations excavations,
- MOOCs,
- Round Table dialogues

Support by science education expertise

ROOTS' Kommunikationsplattform: Transfer von ROOTS in rezente Diskussionen

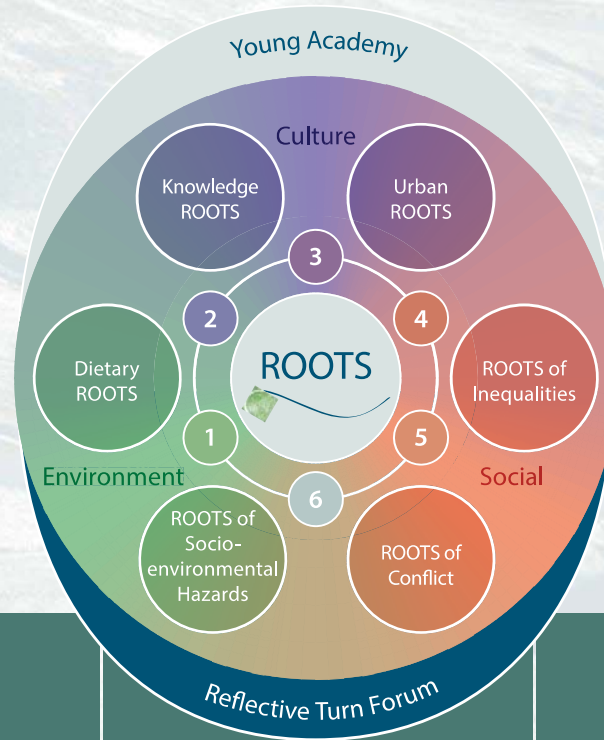
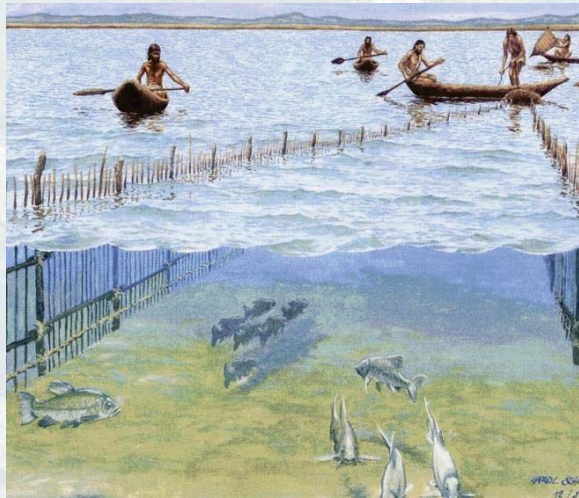




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# ROOTS Grundstruktur und Forschungsfelder

Anlage 2



Technical Platform

Communication Platform

Humanities Platform

Ecosystem Research • Classical Studies • Prehistoric and Protohistoric Archaeology • Ancient History  
 Environmental Archaeology • Archaeobotany • Archaeozoology • Isotope Research • Palaeoclimatology  
 Material Science • Computer Science • Geology • Paleopedology • Philosophy • Economy • Palynology  
 Landscape Geography and Geoinformatics • Molecular Biology • Medicine • Classical Archaeology  
 Medieval History • Palaeogenetics • Pedagogics • Evolutionary Biology • Geobotany • Biochemistry  
 Ethnoarchaeology • Cultural Heritage Studies • Social History



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# EXCELLENCE CLUSTER Anlage 2

## ROOTS Connectivities



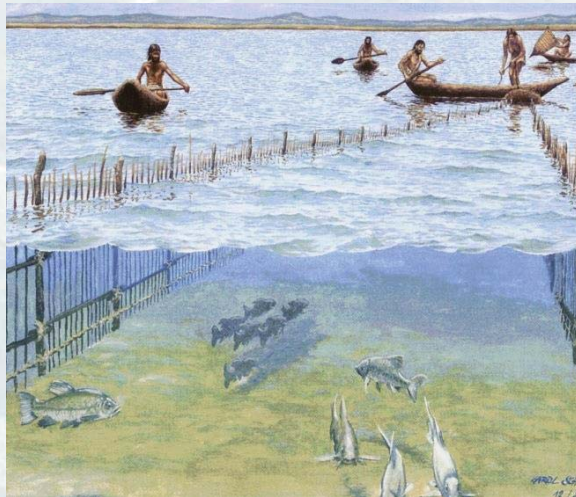
# MAIN SCIENTIFIC AND STRUCTURAL OBJECTIVES

Anlage 2

Johannes Müller



roots – social, environmental, and  
cultural connectivity in past societies



## Research objectives

- The **identification** of environmental and social scales of connectivities on different spatio-temporal scales ('timelines')
- The **analysis** of socio-environmental 'biographies' as historical incidences
- The **reconstruction** of an explicit archaeological and historical anatomy of past connectivities
- **Narratives** of the environmental, cultural and social history of change

## Structural objectives

- The development of **new socio-environmental research fields**
- The establishment of a **ROOTS Young Academy**
- The further expansion of the **Johanna-Mestorf-Academy**
- The establishment of **Kiel University** as a leading centre in Germany and Europe for integrated research on past social environmental and cultural change