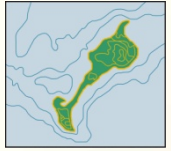


Welcome at the Isle of Vilm

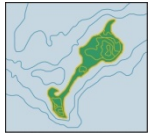


High Nature Value Farmland in Europe

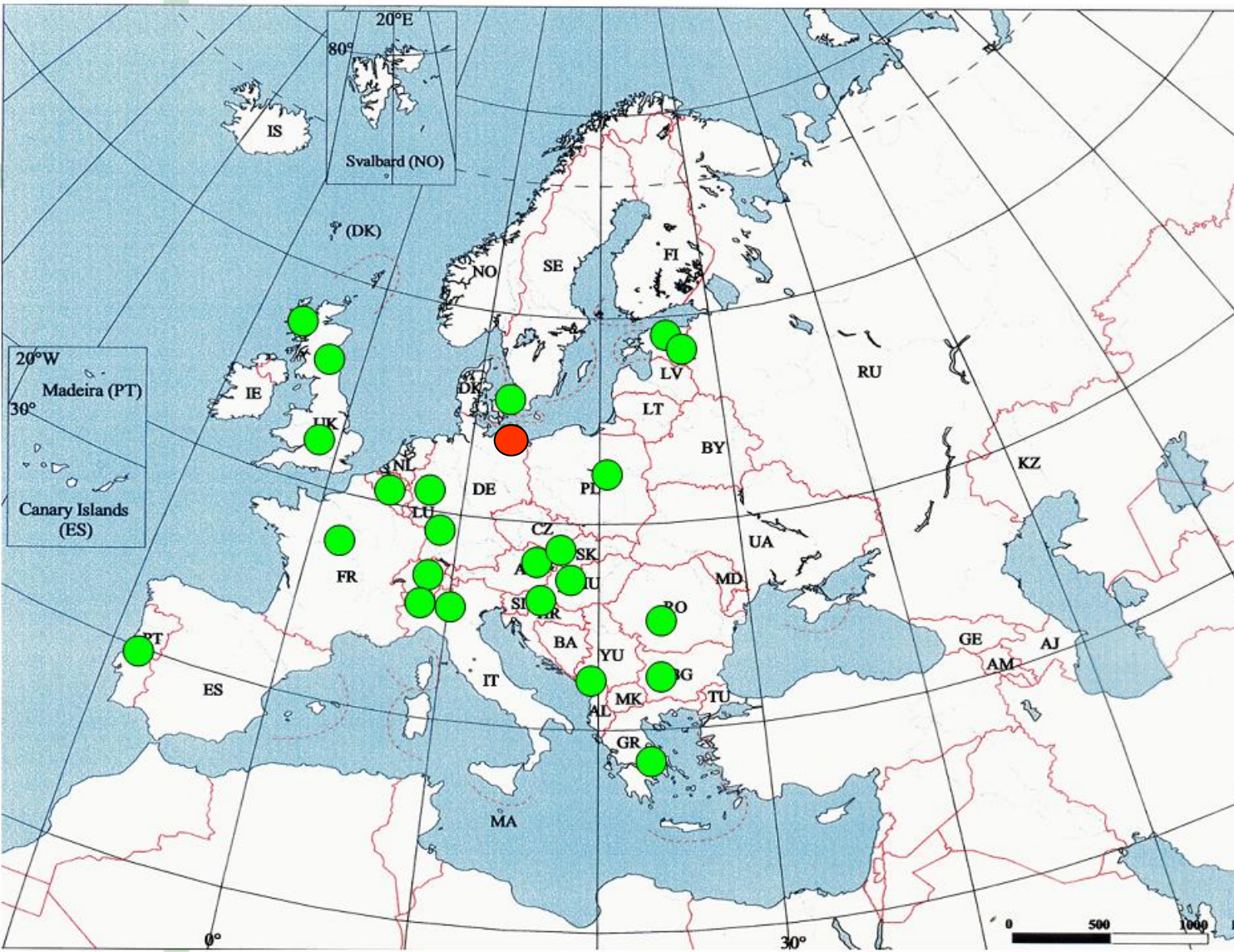
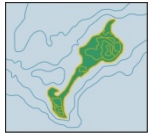
Workshop at the
International Academy for Nature Conservation Isle of Vilm

June 14-18, 2010

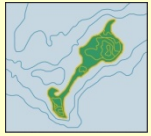
Organized by:



Participants from 18 European countries



Welcome at the Isle of Vilm



1. Location of Vilm Island

2. Impressions to the excursion region „Rügen“

3. Remark to high nature value farmland



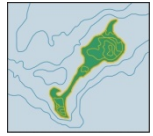


The International Academy for Nature Conservation Isle of Vilm (INA) (founded 1990)



**Isle of Vilm (94 ha): Nature Reserve (1936)
in the Biosphere Reserve South-East Rügen (1990)**

Geographical location of Vilm: marginal in Germany – but ...



Stand: 1996



**In Mecklenburg-Vorpommern
In the Baltic Sea
near Rügen**

3 hours from Schwerin

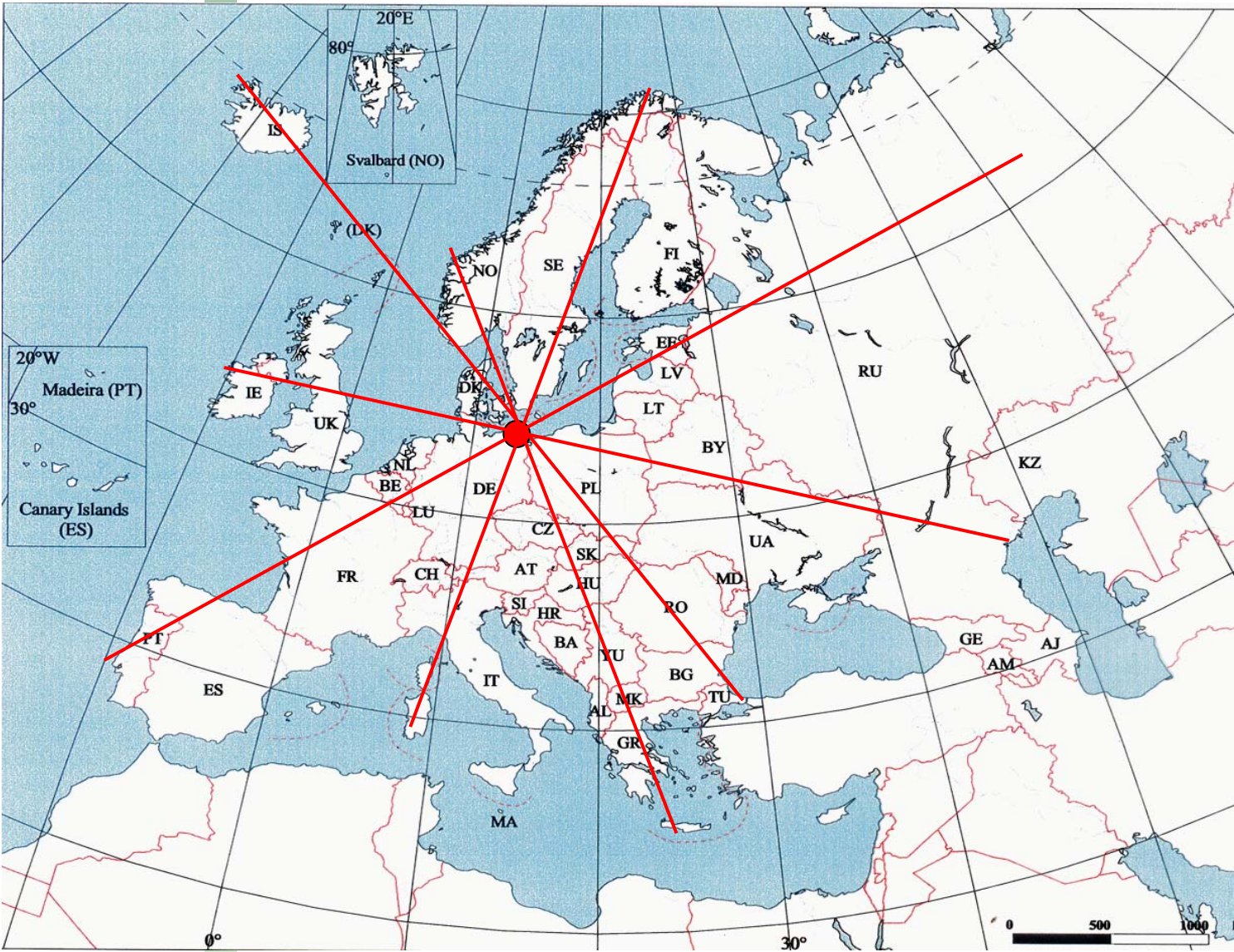
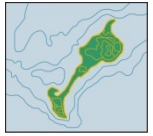
4 hours from Berlin

4 hours from Hamburg

9 hours from Bonn



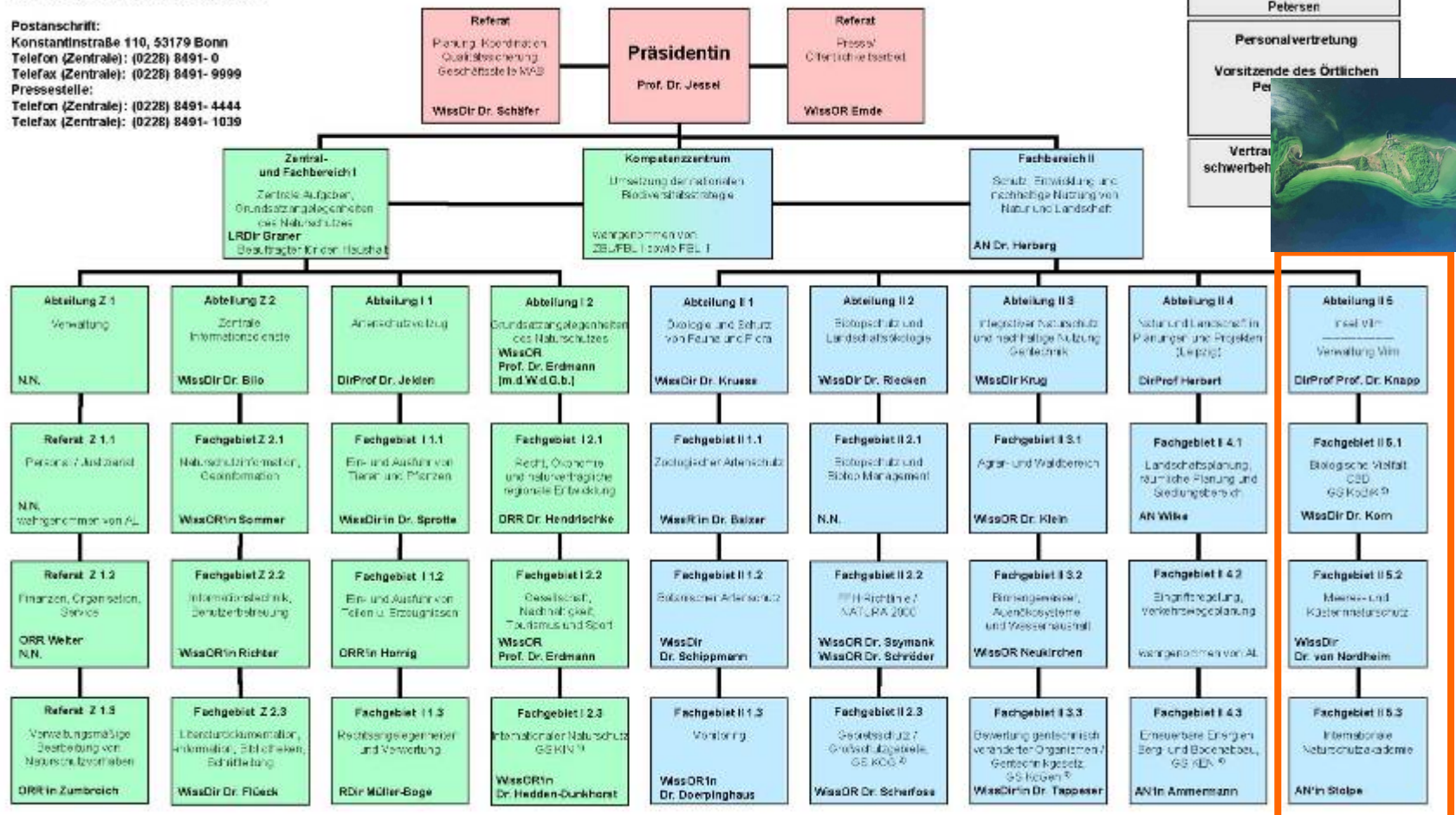
Central in Europe



The Federal Agency for Nature Conservation

Organisationsplan (01. Februar 2010) Bundesamt für Naturschutz

Postanschrift:
Konstantinstraße 110, 53179 Bonn
Telefon (Zentrale): (0228) 8491-0
Telefax (Zentrale): (0228) 8491-9999
Pressestelle:
Telefon (Zentrale): (0228) 8491-4444
Telefax (Zentrale): (0228) 8491-1039



1) GSKIN: Geschäftsstelle Kompetenzzentrum Internationaler Naturschutz bei FG I 2.3, weitere Mitglieder: AL I 1, I 2, I 2.1, I 2.2, I 2.3, I 2.4, I 2.5, I 2.6 und RL Z 2.1, 5.

2) GSKOS: Geschäftsstelle Kompetenzzentrum Schutzgebiete bei FG II 2.3, weitere Mitglieder: AL II 2 und aus der FG I 2.1, I 2.2, I 2.3, I 2.4, I 2.5, I 2.6.

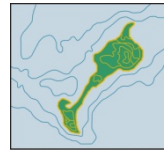
3) GSKoG: Geschäftsstelle Kompetenzzentrum Genetisch bei FG II 3.3, weitere Mitglieder: AL I 3 und aus der FG I 1.1, I 1.2, I 1.3, I 1.4, I 1.5, I 1.6.

4) GSKEN: Geschäftsstelle Kompetenzzentrum für erneuerbare Energien und Naturschutz bei FG I 4.3, weitere Mitglieder: AL II 4 und aus der FG I 2.1, I 2.2, I 2.3, I 2.4, I 2.5, I 2.6.

5) GSKBK: Geschäftsstelle Kompetenzzentrum Biodiversität und Klimawandel bei FG I 5.1, weitere Mitglieder: AL I 1, I 2, I 3, I 4, I 5 RL PöDA und FGL I 2.2.

Federal Agency for Nature Conservation

Department Isle of Vilm



Bonn

President

Division I: Ecology & Conservation

Department I 3: Isle of Vilm

Director: Prof. Dr. Hans D. Knapp, Dir.u.Prof.

Administration
Ferry service
Technical service

**Section I 3.1
Biological Diversity**

Head:
Dr. Horst Korn, W Dir.

**Section I 3.2
Marine and Coastal
Nature Conservation**

Head:
Dr. Henning von Nordheim
W Dir.

**Section I 3.3
Internationale Academy
for Nature Conservation**

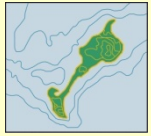
Head:
Gisela Stolpe

Reception, kitchen, service

Staff: about 58 people



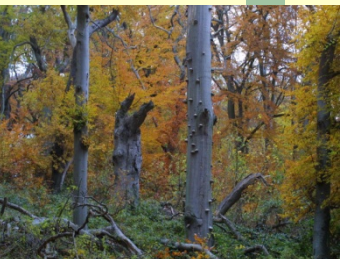
Welcome at the Isle of Vilm



1. Location of Vilm Island

**2. Impressions to the excursion
region „Rügen“**

3. Remark to high nature value
farmland

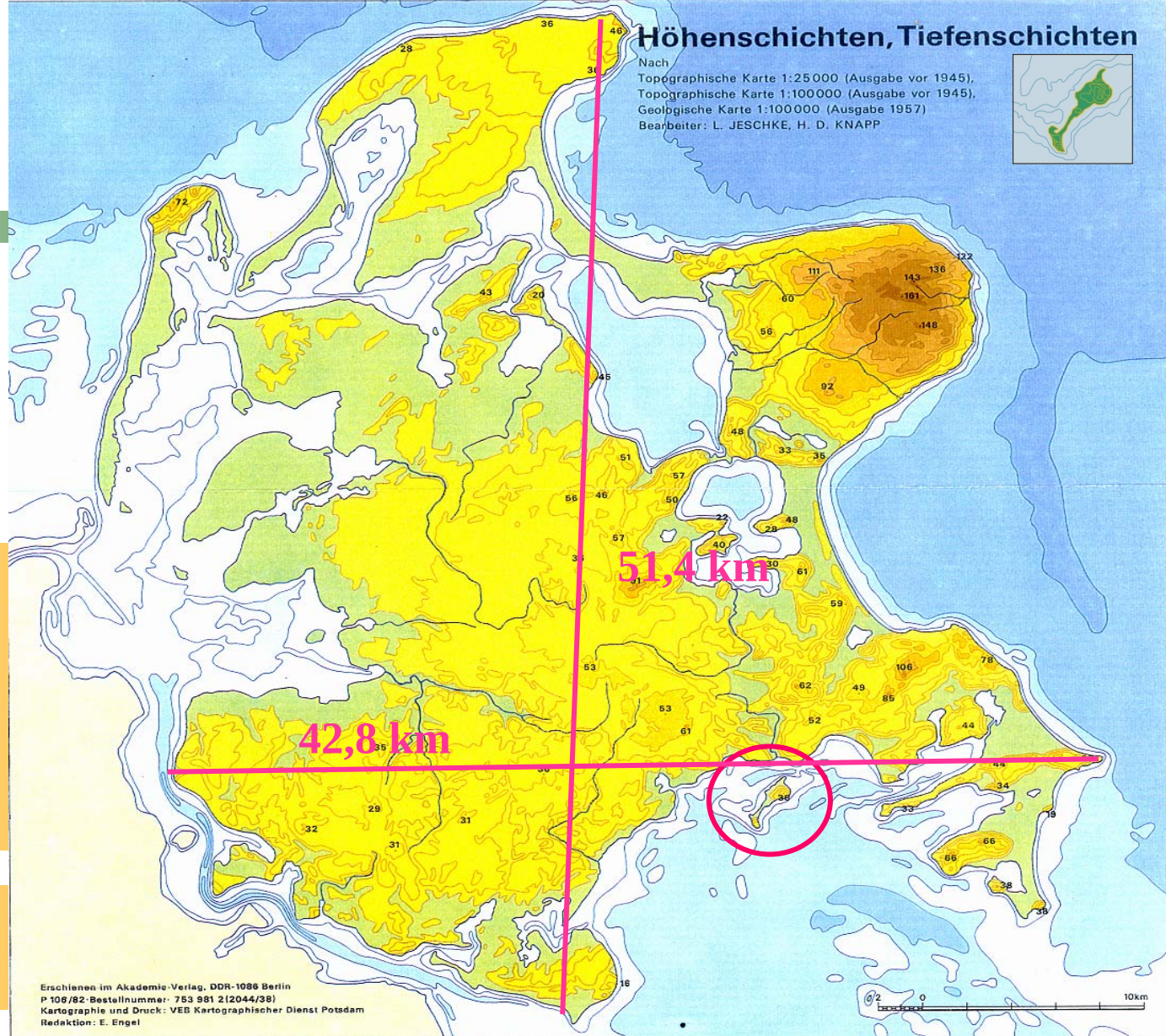




Rügen Island – Topography

161 m above sea
level

Coast line: ca. 580km
Size: 962 km²



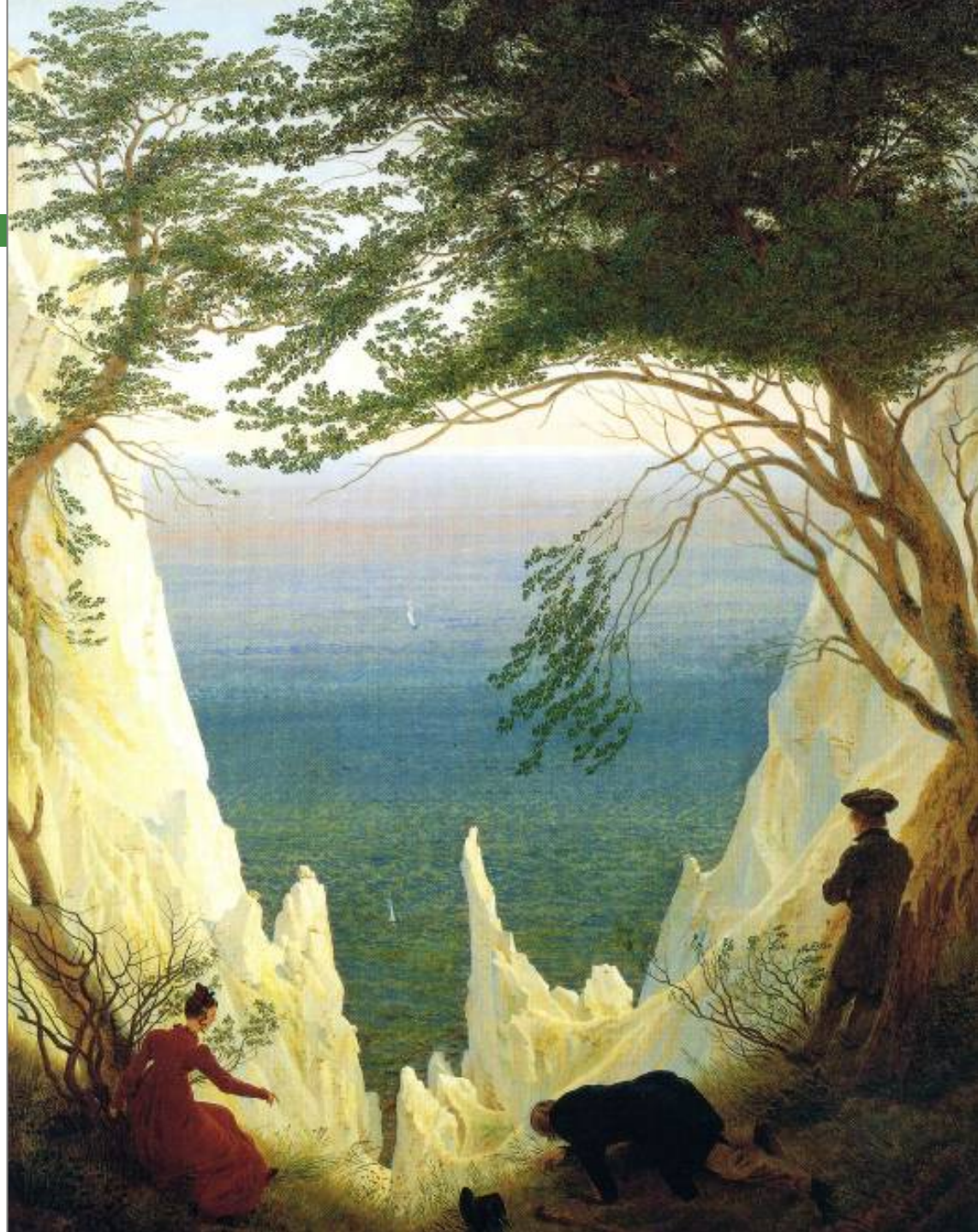
Rügen – Natural heritage: Chalk cliffs of Jasmund



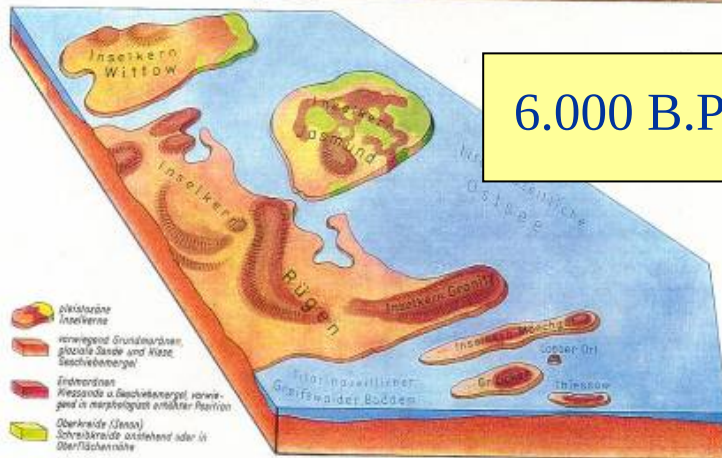
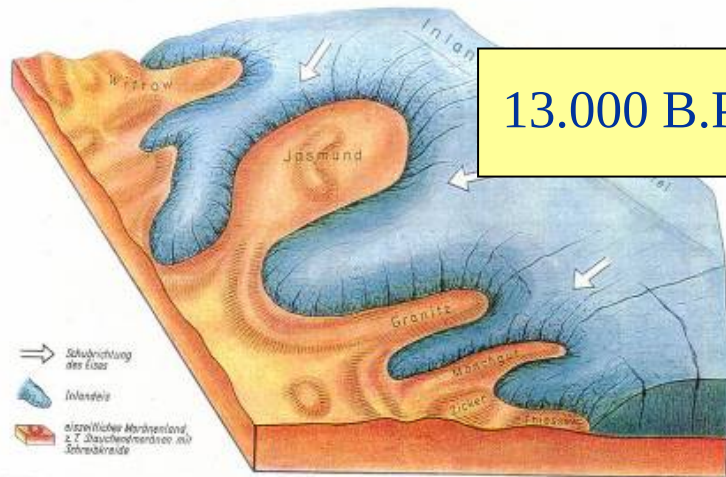
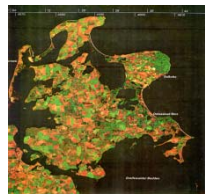
Rügen –

Natural and Cultural Heritage

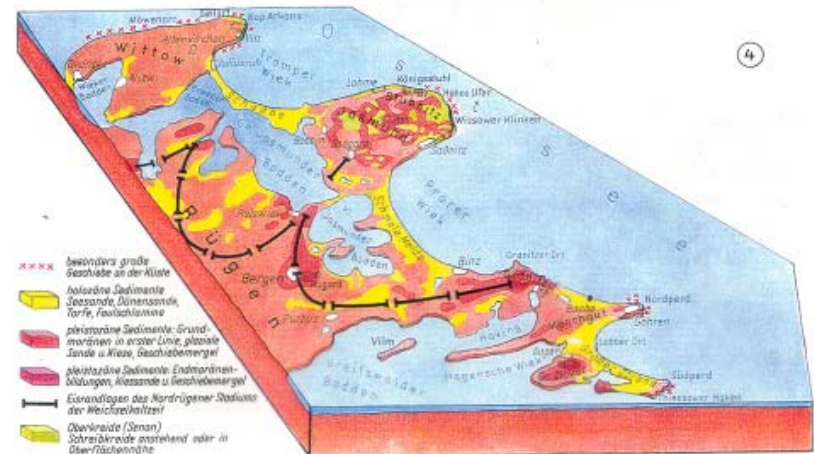
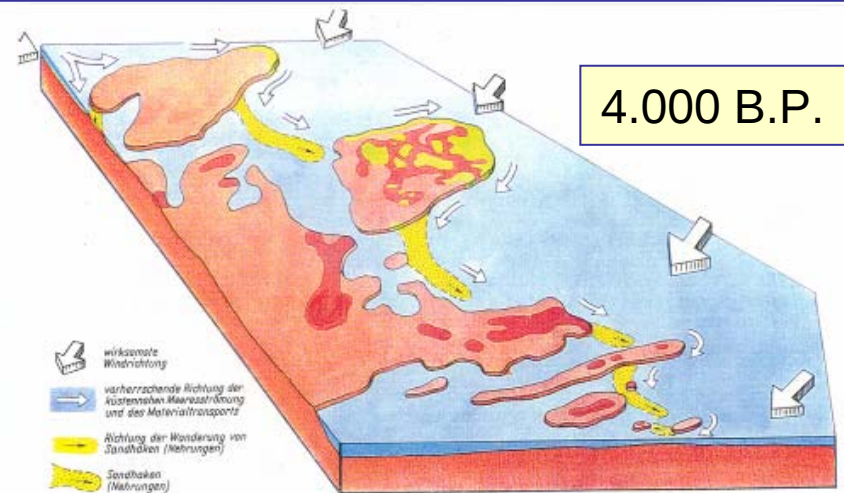
C. D. Friedrich,
Kreidefelsen auf Rügen
(1822)



Landscape history



Wagenbreth & Steiner, Geologische Streifzüge, Leipzig 1982



Wagenbreth & Steiner, Geologische Streifzüge, Leipzig 1982

Costal erosion and...



deposition



Rügen – Cultural heritage: megalithic monuments







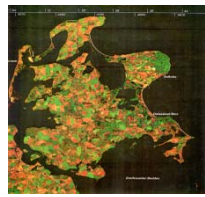








National park



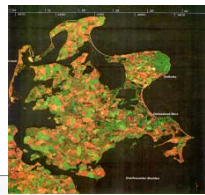
Vorpommersche Boddenlandschaft

total:
80.500 ha (15% land)

Rügen:

$2.505 + 1.532 \text{ ha} = 4.037 \text{ ha}$

National park Jasmund



Kreidefelsen am Meer



Nationalpark
Jasmund

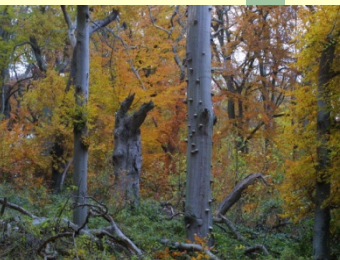
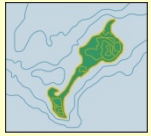


2.430/600 ha =
3.030 ha

Biosphere reserve South-East Rügen



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Europe – a forest continent

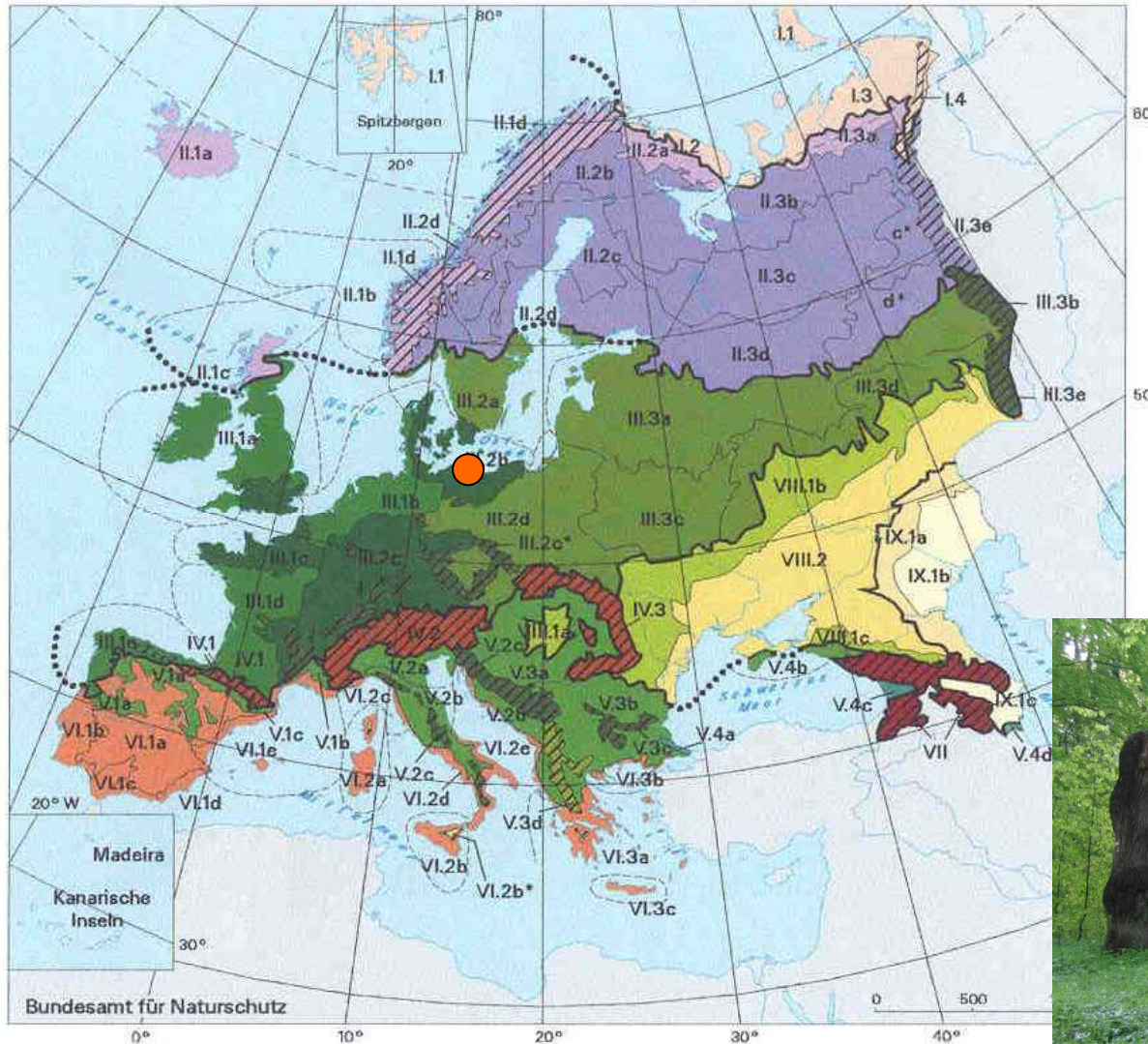


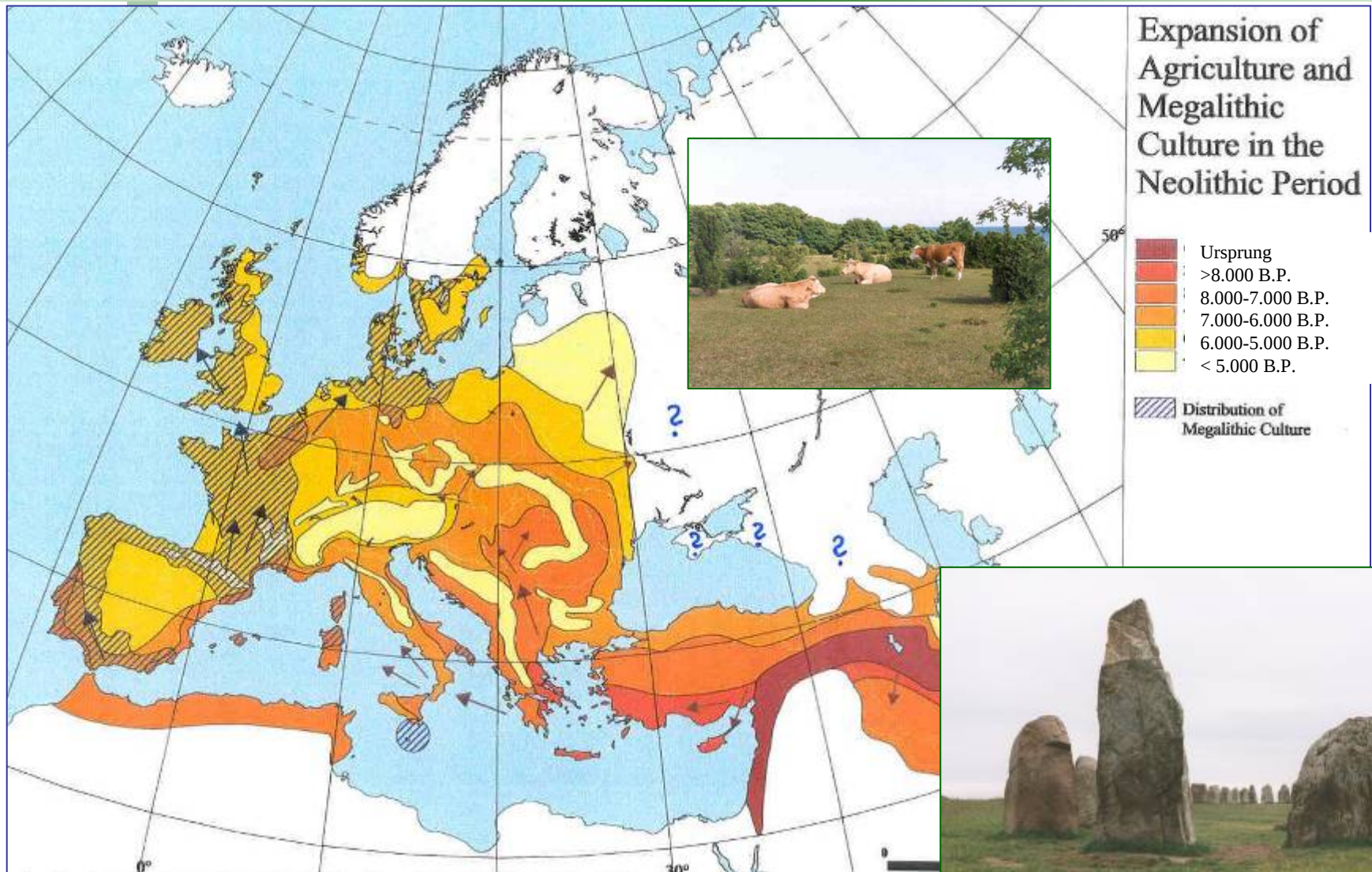
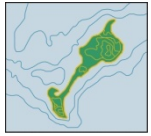
Abbildung 1
Vegetationsökologische
Gliederung Europas
(vgl. Tabelle 1)

- I Circumpolare Tundren-Region/
Europäische Tundren-Provinz**
 - 1/2/3
 - 4
- II Europäische boreale Nadelwald-Region**
 - 1a-c/2a/3a
 - 1d
 - 2b-d/3b/3c/c*/3d/d*
 - 3e
- III Europäische Laubwald-Region**
 - 1a-b/1d-e
 - 2a/2d/3a/3c-d
 - 1e*
 - 2c*/3b/3e
 - 1c/2b-c
- IV Mitteleuropäische Hochgebirgs-Region**
 - 1/2/3
- V Submediterrane /Trocken-/Wald-Region**
 - 1a-c/2a-b/3a-b/4b
 - 2c/3c
 - 4a/4c/4d
 - 3d
- VI Mediterrane Hartlaubwald-Region**



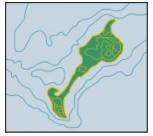
Ancient history

Neolithicum and Megalithic culture

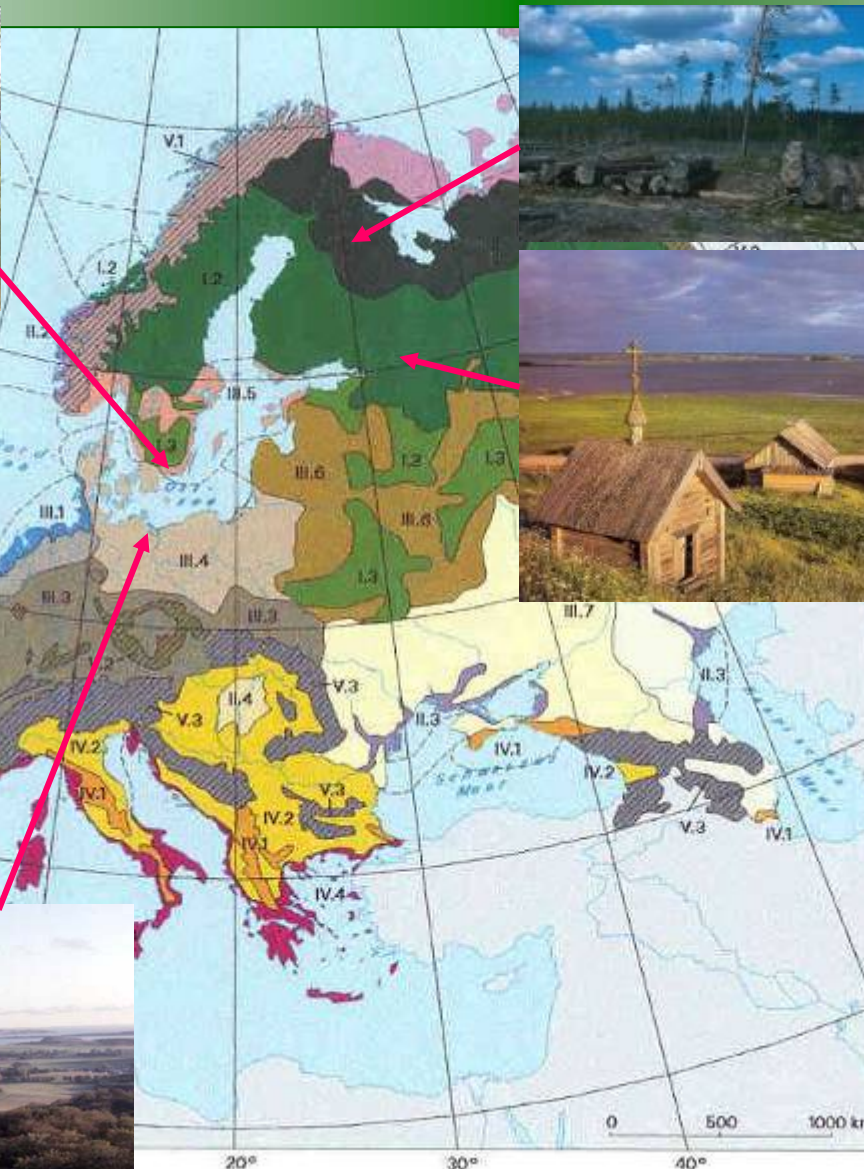
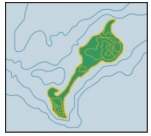


Ancient history

Megalithic monuments (South Sweden, Moen, Rügen)



Change to Cultural landscapes



Kulturlandschaften in Europa (vgl. Tabelle 5)

I Waldlandschaften

1	3
2	4

II Weidelandschaften

1	4
2	5
3	

III Ackerbaulandschaften

1	5
2	6
3	7
4	

IV Submediterranean-mediterrane Kulturlandschaft

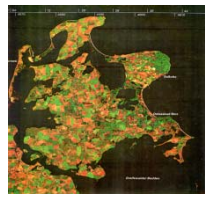
1	3
2	4

V Gebirgslandschaft

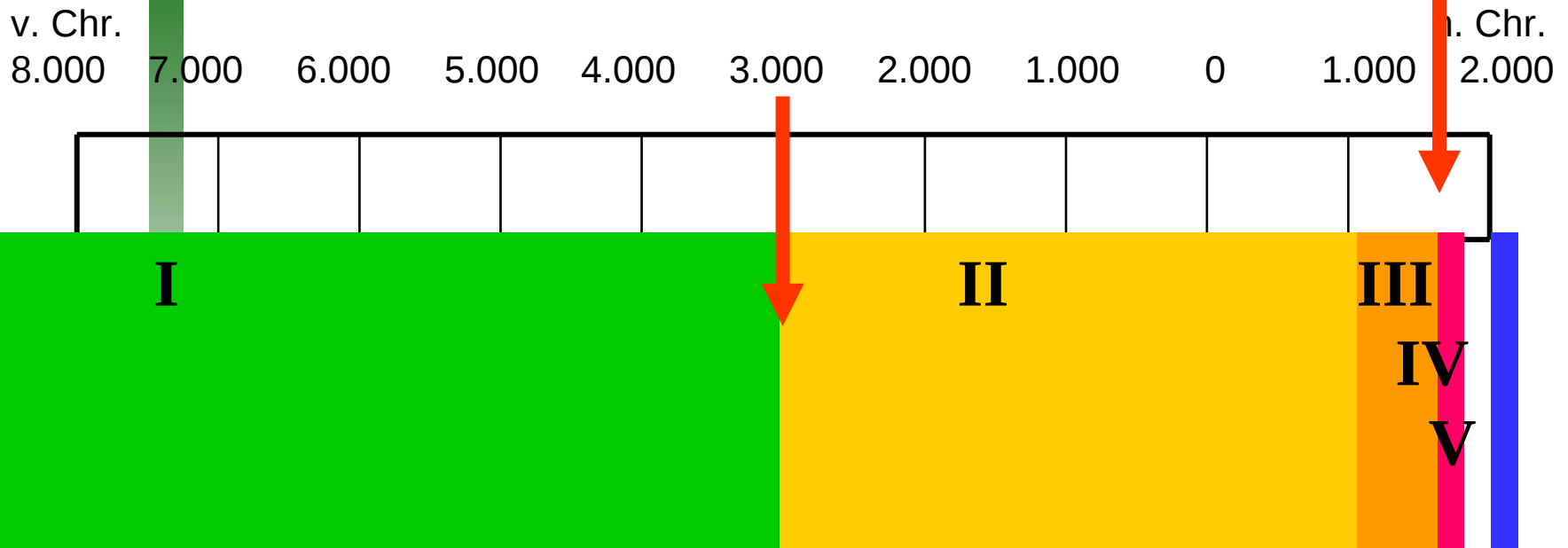
1
2
3

Quellen: Knapp & Klein 1998,
EEA 1995
BN - INA
Insel Vilm, Juli 2000

Periods and times of landscape history



- I) 7.000 Jahre Naturlandschaft seit Rückzug der Gletscher
 - II) 4.000 Jahre frühgeschichtliche Kulturlandschaft
 - III) 1.000 Jahre vorindustrielle Kulturlandschaft
 - IV) 100 Jahre industrielle Kulturlandschaft
 - V) 50 Jahre agrar-industrieller Produktionsraum
- Wende zur Nachhaltigkeit (?)



Thank you very much,
and have a nice stay at Vilm

