



EVALUATION 2015





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Outline

- History**
- Organisational structure and main facilities**
- Main activities and results**
- Financing and funding**
- Future directions**





History of the Institute

Státní Archeologický ústav československý. Ministerstvo vyučování a osvěty přistoupilo v zásadě na zřízení státního archeologického ústavu a dějí se již i první kroky k jeho uskutečnění. Náš státní archeologický ústav podle analogických ústavů jiných států bude mít za úkol, aby systematicky podnikal a prováděl výkopy památek praehistorických, antických a středověkých na celém území československého státu a zejména

aby na se vzal ty velké výkopy, které jinak jednotlivá musea v potřebné rozsáhlosti a systematickosti by podnikati nemohla. Státní ústav archeologický neodstraní tudíž lokální a drobnou praxi museí, naopak bude je nadále v tom směru podle jistých norem podporovati po případech i subvencemi, neboť on soustředí svou práci na výkopy rozsáhlé práce nebo velké důležitosti, jakých čeká nás v Čechách, na Moravě a na Slovensku celá řada a na mnoho let práce. Vzpomeňme si na př., jak je potřebí u nás systematického probádání hradišť a vůbec kultury doby knížecí, čítajíc v to na Moravě problém Velehradu a na Slovensku otázku Dvůra nebo Pribinovy Nitry! Jaká jen v tom leží před námi velká a systematická práce dosud sotva načatá! Vzpomeňme si dále, před jaké nové úkoly stává nás na Slovensku to, že jsme se dostali k známému keltickému hradu, který je v současnosti v ohrožení, a kde v Karnuntu nebo v Brigentiu vznikala kvetoucí

Organisace navrženého ústavu spočívati bude ovšem teprve po jeho úplném vybudování na tomto základě: V čele jeho státi bude ředitel, jenž povede celou jeho vědeckou i administrativní správu, a reprezentovati bude ústav vůči ministerstvu osvěty. Vlastní výkonná práce výkopní vložena bude postupně do rukou čtyř státních konservátorů, kteří podle dispozic daných ředitelstvím prováděti budou samostatně výkopy ve svých rayonech. Jeden bude míti na starosti praehistorické výkopy v Čechách, druhý na Moravě a Slezsku, třetí na Slovensku, čtvrtý pak výkopy středověkých architektúr po celém státě. K provádění těchto výkopů dostane ústav náležitě prostředky. Není však vyloučeno, že z těchto prostředků budou moci býti pověřeni i jiní odborníci nebo musea, aby určité úkoly v intencích a dispozicích ústavu prováděli. Sídlo ústavu bude v Praze, kde bude proň zřízeno zvláštní bureau, spojené s velkou konserváční dílnou, v níž by nejen vlastní výkopy byly vzorně konservovány, ale i všechny jiné větší a důležitější konserváční práce prováděny, jež by stát ústavu přidělil. Památky konservované bude ústav rozdělovati podle příslušných norem jednotlivým musejím, především ovšem hlavním musejím zemským.

Vedle této práce výkopné a konserváční měl by státní archeologický ústav i didaktický úkol vzdělávati nové mladé síly pro musejní úředníky archeologického oboru. Úkol ten by plnil pořádním občasným kursů, v nichž by návštěvníci v omezeném počtu přednášek poučiti se mohli dostatečně o hlavních potřebách archeolog. museologie. Činnost nového ústavu počne snad ještě během letošního roku, jakmile bude podpora svolněna a první nutné síly ustanoveny.

L.N.

PAMÁTKY ARCHAEOLOGICKÉ.

DÍL XXXI.

1919.

SEŠIT I.

PŘED NOVÝMI ÚKOLY.

Napsal L. Niederle.

Znovuzrození československého státu pozdravují i čeští archeologové s vroucí radostí, a sčkoliv jsou si vědomi, že jim nastávají nové povinnosti a nové, větší práce, přistoupí i k nim s nadšením a s pevnou vůlí na půdě svobodného státu přivést naši archeologii k novému, nebyvalému rozkvětu.

Všechny tyto nové úkoly a zejména nezbytná ekonomie a systematická práce vyžadovati budou i nového ústředí, jaké může po mém soudu poskytnouti jen státní archeologický ústav řízený analogicky k podobným ústavům v cizině. Jen takovéto ústředí, které bude pracovati s rozhledem, s hotovými plány, s dostatečnou dotací a ovšem i v úzkém styku s museji a archeologickými společnostmi, bude s to realizovati výše naznačený program. Doufáme tedy, že i tento projekt, pro budoucnost české archeologie nezbytný, dojde také porozumění a podpory na místě příslušném.



L. Niederle

■ 1919 – 1939

■ 1939 – 1945

■ 1945 (1953) – 1966

■ 1967 – 1989

■ 1990 – 2002

■ 2002 – 2014

■ 2015 –



History of the Institute

1919 - 1939

- From the very start the concept was a **scientific organisation**, not heritage care institution.
- **Fundamental research** about individual phases from prehistoric and early historic society.
- Study of economics and **international cooperation** in classical and oriental archaeology.
- Insufficient finances, work positions and cramped working space.
- The institute was supposed to become a **central institution** in coordinating all archaeological activities in Czech lands and Slovakia
- Cooperation with regional scholars.
- First larger excavations in Bohemia, Moravia and Slovakia.





History of the Institute

1925 – Start of excavation of the Prague Castle





History of the Institute

1939 - 1945

- 2nd World War
- Secession of the border lands – new German archaeological institute in Teplice.
- Activities of the Prague institute were **restricted** and German researchers were installed here.
- Order of an publication illustrates complicated situation during the war that could abuse archaeological research to **German ideological propaganda** deadly dangerous for millions of people.

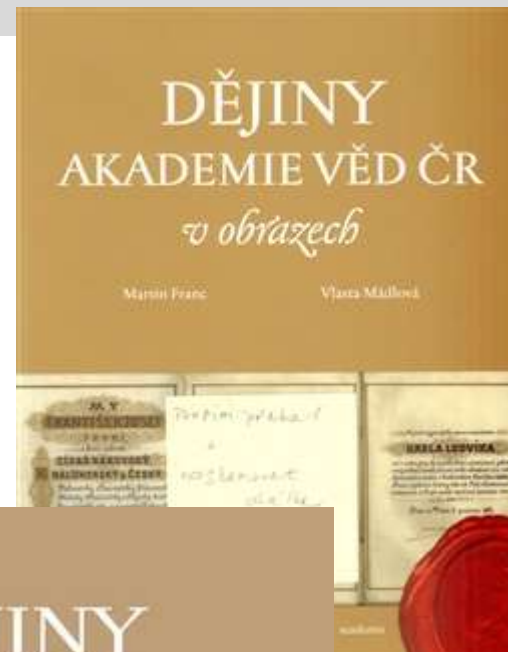




History of the Institute

1945 (1952) - 1966

- **Positive development** after the war reflected in both functioning and results of the institute.
- Concept of thematically related excavations.
- Incorporation of the institute to the structure of **Czechoslovakian Academy of Sciences (1952)**.
- Increase of funds, new **strong post-war research generation**.
- Theoretical formation of valid **chronological and cultural structure of Czech prehistory**.
- Constitution of **medieval archaeology**.
- Peak – **World congress UISPP 1966**.





1967 - 1989

- Completion of processes from previous era.
- **Extensive large-scale excavations** (both rescue and systematic).
- First activities in the field of **experimental archaeology**.

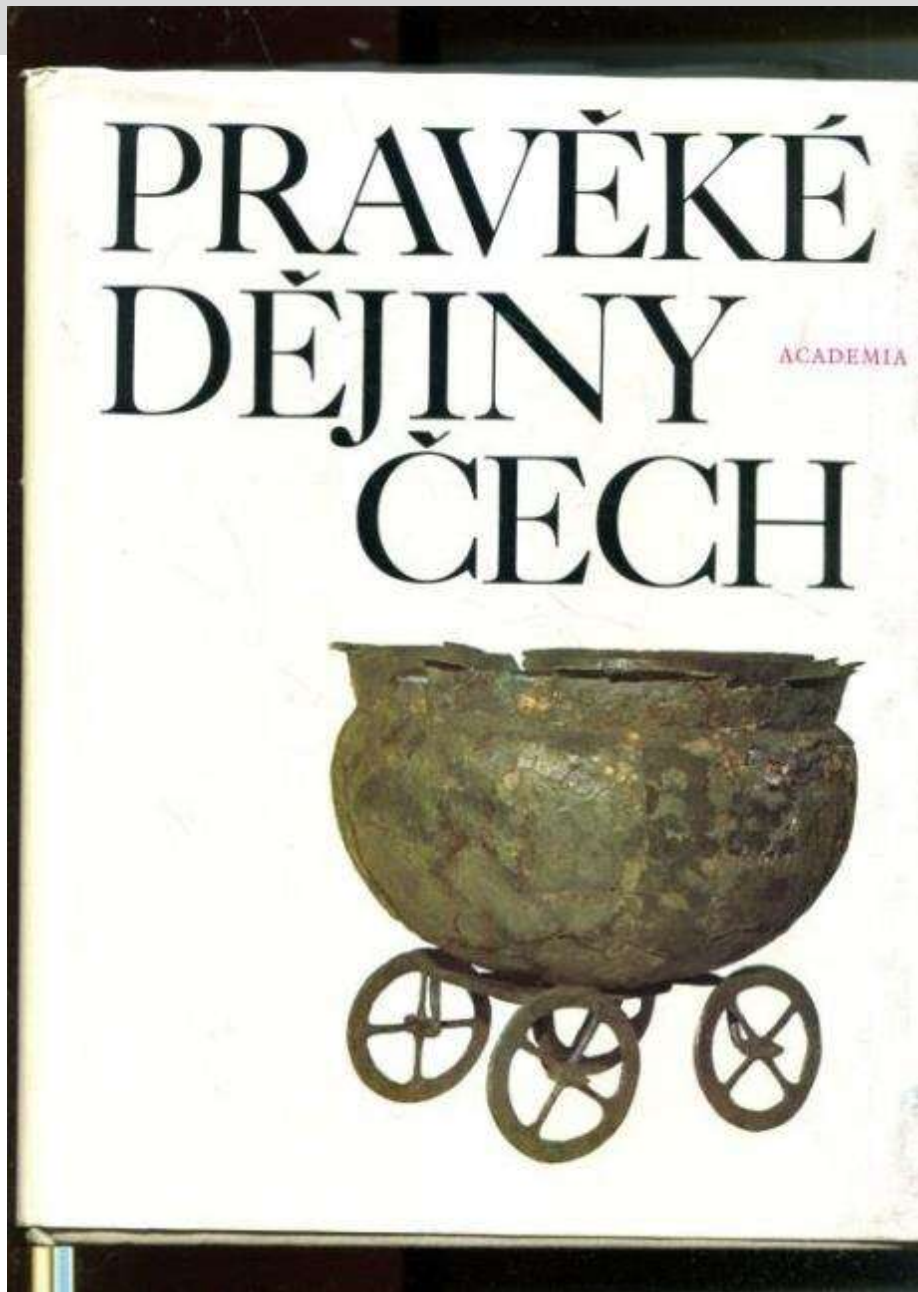




1978

- First completion of the post-war research era

**synthesis of the
Bohemian prehistory**





History of the Institute

1990 - 2002

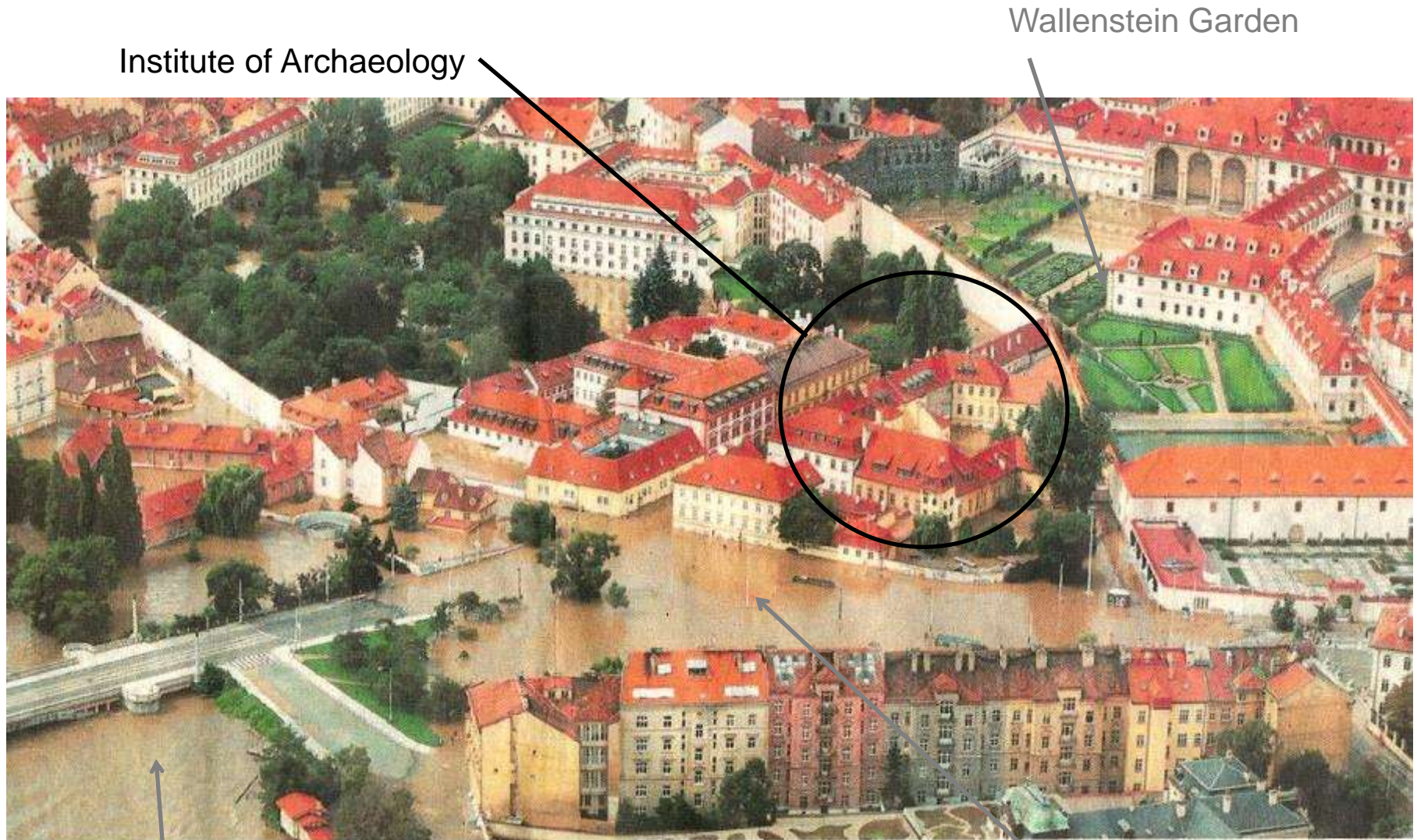
- Post-revolution era.
- Application of wide spectre of **theoretical approaches**.
- Emphasis on **modern methodologies**.
- PC revolution.
- Year **2002 – point 0**
- Destructive **FLOODS** → massive destruction of funds, equipment and collections.





History of the Institute

Flood in 2002 – aerial view on Malá Strana



Wallenstein Garden

Institute of Archaeology

Vltava river

flooded area



2003 - 2014

- Complete restoration
- Reconstruction of the library collections and **digitalisation** of **archive** documents
- **Interdisciplinarity** and emphasis on new theoretical approaches
- **First international evaluation 2005-2009** – positive result.
- **New synthesis of Bohemian prehistory.**



Archeologie pravěkých Čech

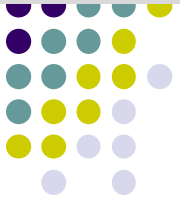




Organisational structure



Department	Units
• Management	Secretariat Department for the protection of archaeological monuments Editorial boards
• TES	
• Department of scientific resources	Archives Library Bibliography Section
• Department of rescue excavations	Restoration laboratory Prague Castle department base Kvílice, Závist
• Department of prehistoric archaeology	base Kutná Hora
• Department of landscape archaeology and archaeobiology	
• Department of medieval archaeology	base Vyšehrad



Departments for Evaluation 2015

Department of Prehistory



Petr Květina

Department of Medieval Archaeology



Ivana Boháčová

Department of Rescue Archaeology



Jan Frolík

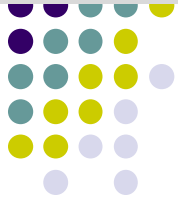
Department of Landscape
Archaeology and Archaeobiology



Dagmar Dreslerová



Prague Castle





Restoration Laboratories





Main facilities

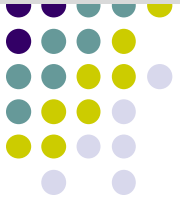
Kutná Hora base





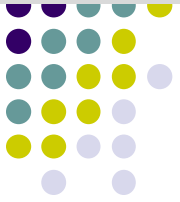
Main facilities

Kvílice base





Závist base





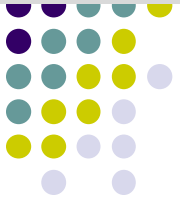
Main facilities

Vyšehrad base





Equipment

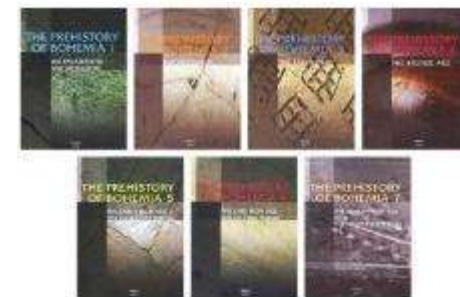
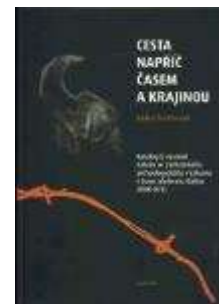
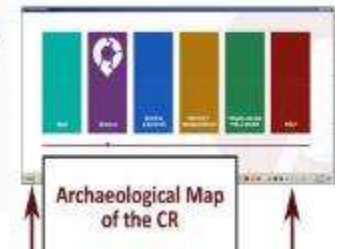


- Best technical, instrumental equipment and software for **multidisciplinary archaeological research** significantly outperforming other institutions in the Czech Republic.
- **High-class, if not unique equipment** in the Czech Republic, in some cases reaching or exceeding even the European standard **directly related to scientific research** in the AI.
- These instruments and equipment we consider **crucial for successful** comprehensively conceived **research** at AI:
 - Laboratory of archaeogenetics
 - Radiocarbon laboratory
 - Aerial prospection
 - Geophysics
 - Geodetic machines and other equipment for field research
 - 3D laboratory
 - Restoration laboratories
 - Software
 - Comparative archaeozoological collection



Main PILLARS

- Theoretical research
- Field (rescue) excavation
- Archaeological heritage management
- Management of archaeological information
- Spreading of knowledge - educational activities
- Publication activities.





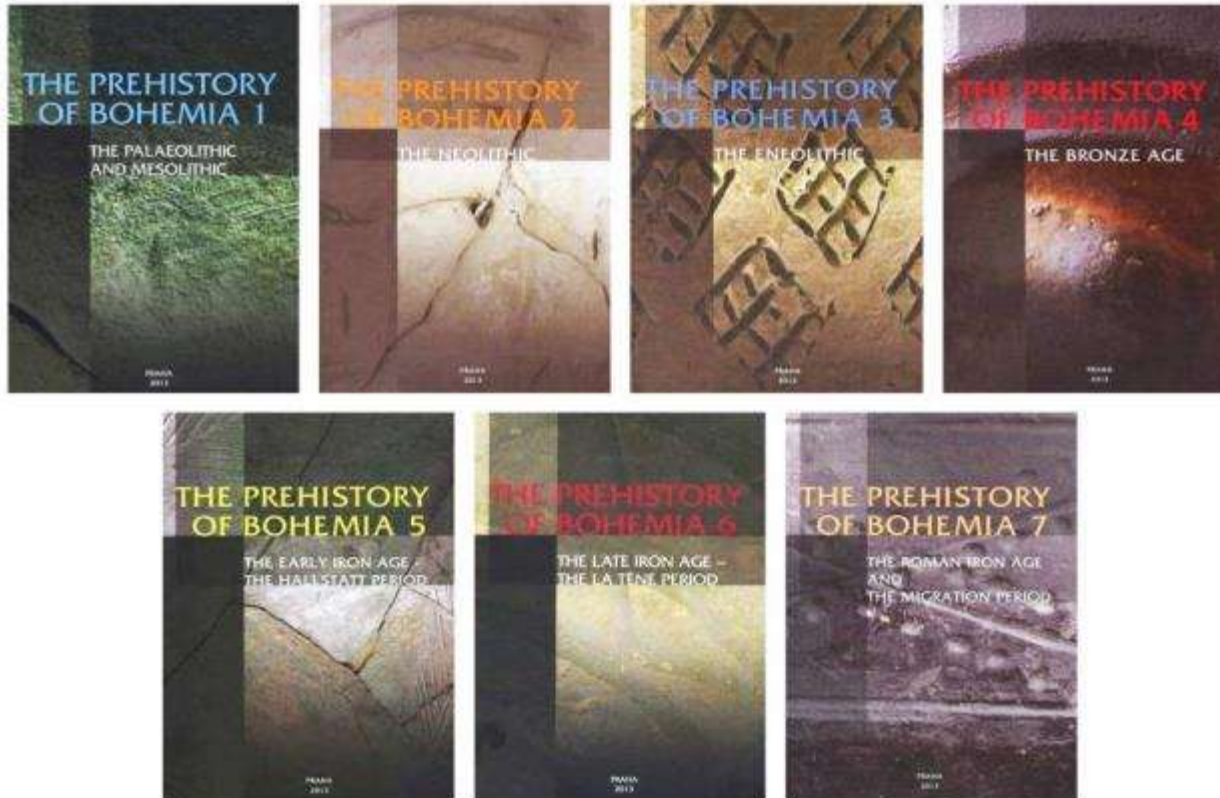
Theoretical research

- AI is mainly engaged in **fundamental archaeological research** in the period from Prehistory to the Middle Ages, alternatively Early Modern Times, on the basis of specific **evidence of archaeological sources**. Professional activity of the Institute reaches into all areas of study of the archaeological sources, i.e. from the field research phase, through the study of artefacts and ecofacts in the context of archaeological cultures to **general socio-cultural models of past societies**.
- AI is still the only institution in CR, whose **fundamental task is investigation in the field of the archaeological theory and method** (currently in particular:
 - general theory,
 - settlement area theory,
 - archaeological taphonomy,
 - spatial analysis,
 - statistics, modelling,
 - environmental archaeology ... etc.





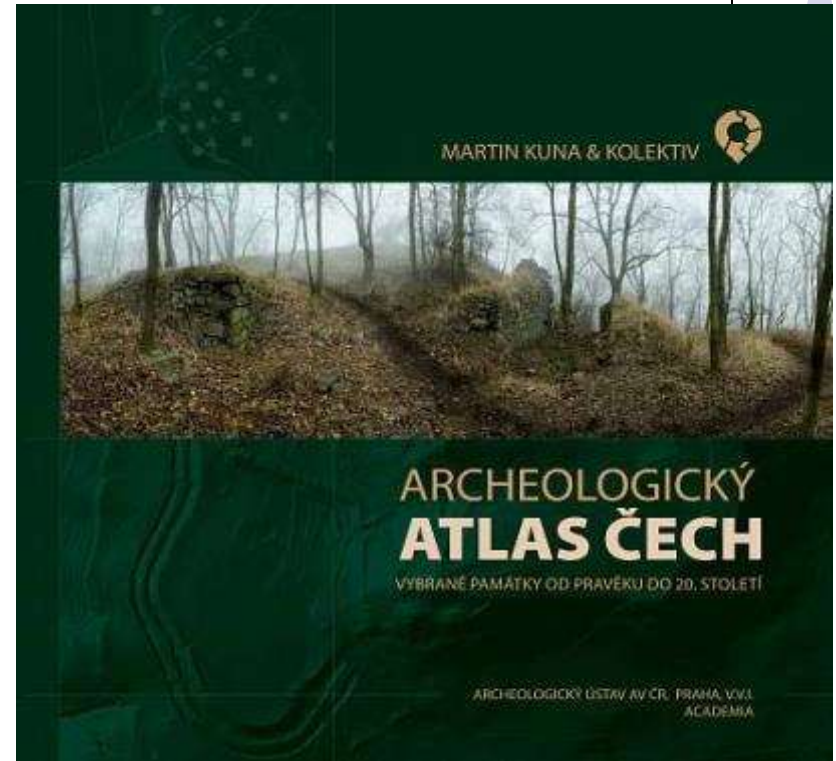
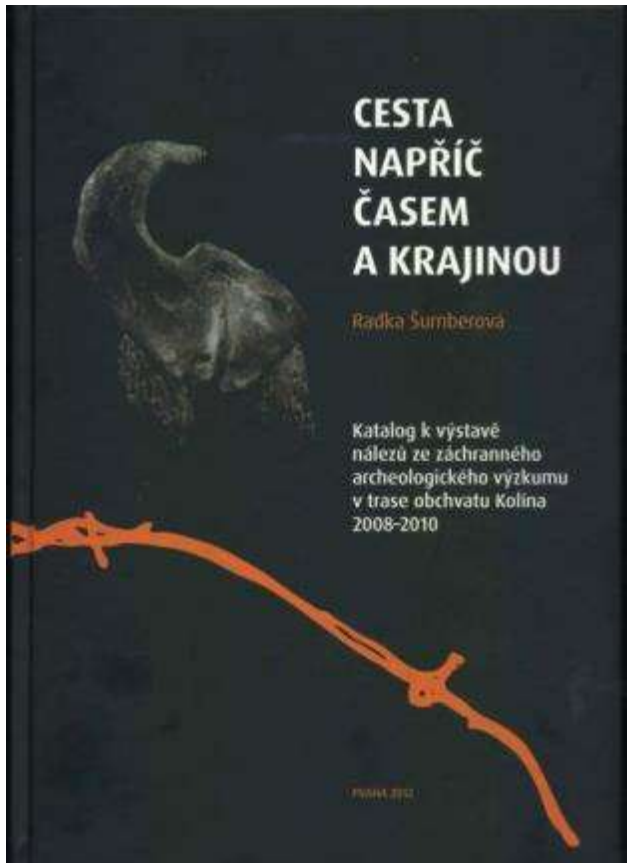
main achievement



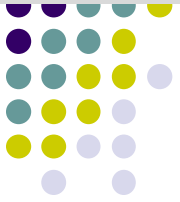
English-written compendium **"The Prehistory of Bohemia"**, which covers systematically individual periods from the Palaeolithic to the Migration Period in Bohemia. After more than 50 years, a complex seven-volumes synthesis is once again **available in a language that is understood by the international scientific community**. The ratio of **ca 1300 pages** of information to the area of interest it is a compendium of one of the **most detailed surveys of prehistory dedicated to a specific territory in the world ever**.



main achievements



Recent archaeological findings and theory accessible for wider public by the means of exhibition catalogues and archaeological sites atlas.

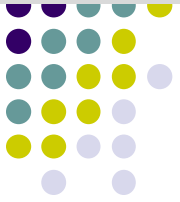


- Due to its specific history, AI (and its predecessor, the State Archaeological Institute) contributes significantly to the **protection of archaeological monuments** as part of the national cultural heritage, legislative, practical, and informational (rescue excavations of sites endangered by construction or mining). Under the current Heritage Act AI is the **main guarantor of the professional standards of archaeological research**. This obligation implies a significant share of coordinating the care of the archaeological heritage (proposals to declare a site a Monument, giving statements on building activities, etc.). With this task it is related also the building of a **central repository of field documentation (the Archive)** and operation of an electronic registration system of field research for professional organisations.



Field excavations

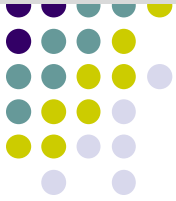
- In the field research AI applies **methods of various types of archaeological excavation and non-destructive techniques** (e.g. aerial photography, geophysical survey, surface prospection), that are recently becoming more and more important.





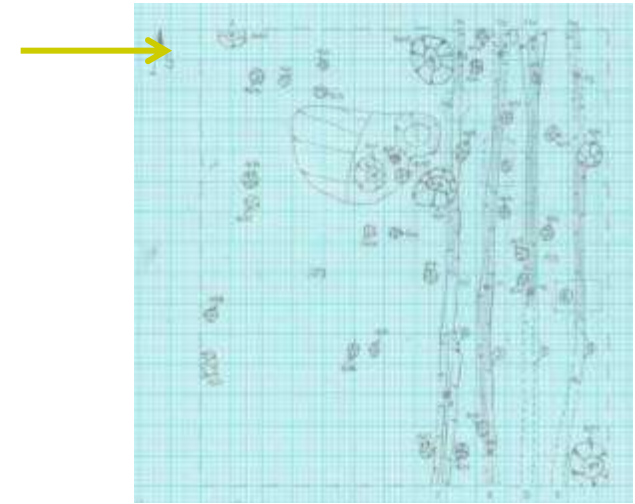
Field excavations

Archaeological sites with complicated stratigraphies and/or multilayer situations

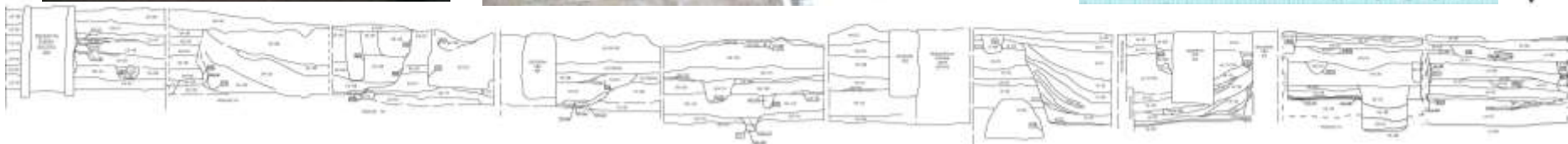


Chrudim, former St. John suburb (13th-19th centuries) Jewish ritual bath – Mikveh from 17th century

Praha – Bubeneč, multilayer prehistoric settlement („tell“) with traces of ploughing



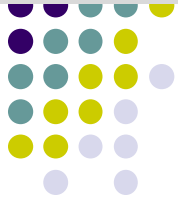
V





Management of archaeological Information

AI manages **fundamental information sources** in the Czech archaeology: it manages the **largest specialised library** in the country and an extensive **archive of field documentation**. Both sources of information are accessible not only to the employees of AI, but also to other professionals, students and the general public.

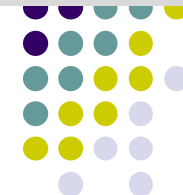


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8454	ok. Hlavice	rypská
8455	Čís. 152 ok. Hlavice ok. Bole - západ	osavská
8456	Vávrov	rypská
8457	ok. Bole - západ	rypská
8458	ok. Bole - západ	rypská
8459	Turka	rypská
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8462	ok. Bole - západ	rypská
8463	ok. Bole - západ	rypská



Management of archaeological Information

Digital archives



ApplicationXtender - [digitalizace - DIGITALNI_ARCHIV - FT RD]

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digitalizace

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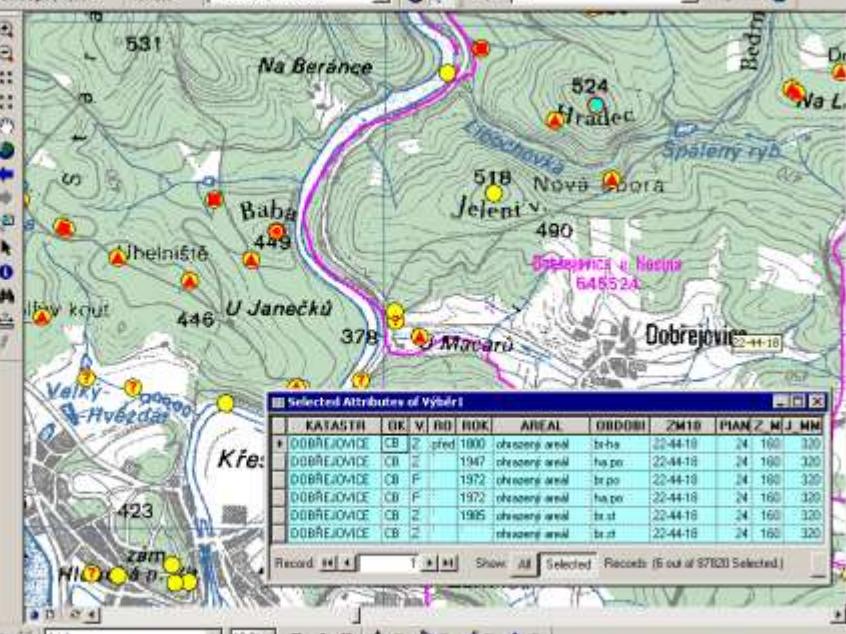
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ADC_GIS.mxd - ArcMap - ArcView

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ADC GIS Geografický výběr Archeologický výběr Tisk dat Tloušťkový systém S-42 Layer KLU



Layers

- výběr
- KLU
- Všechny body GIS
- traba
- Olsevy
- zn10
- rov25
- rov50

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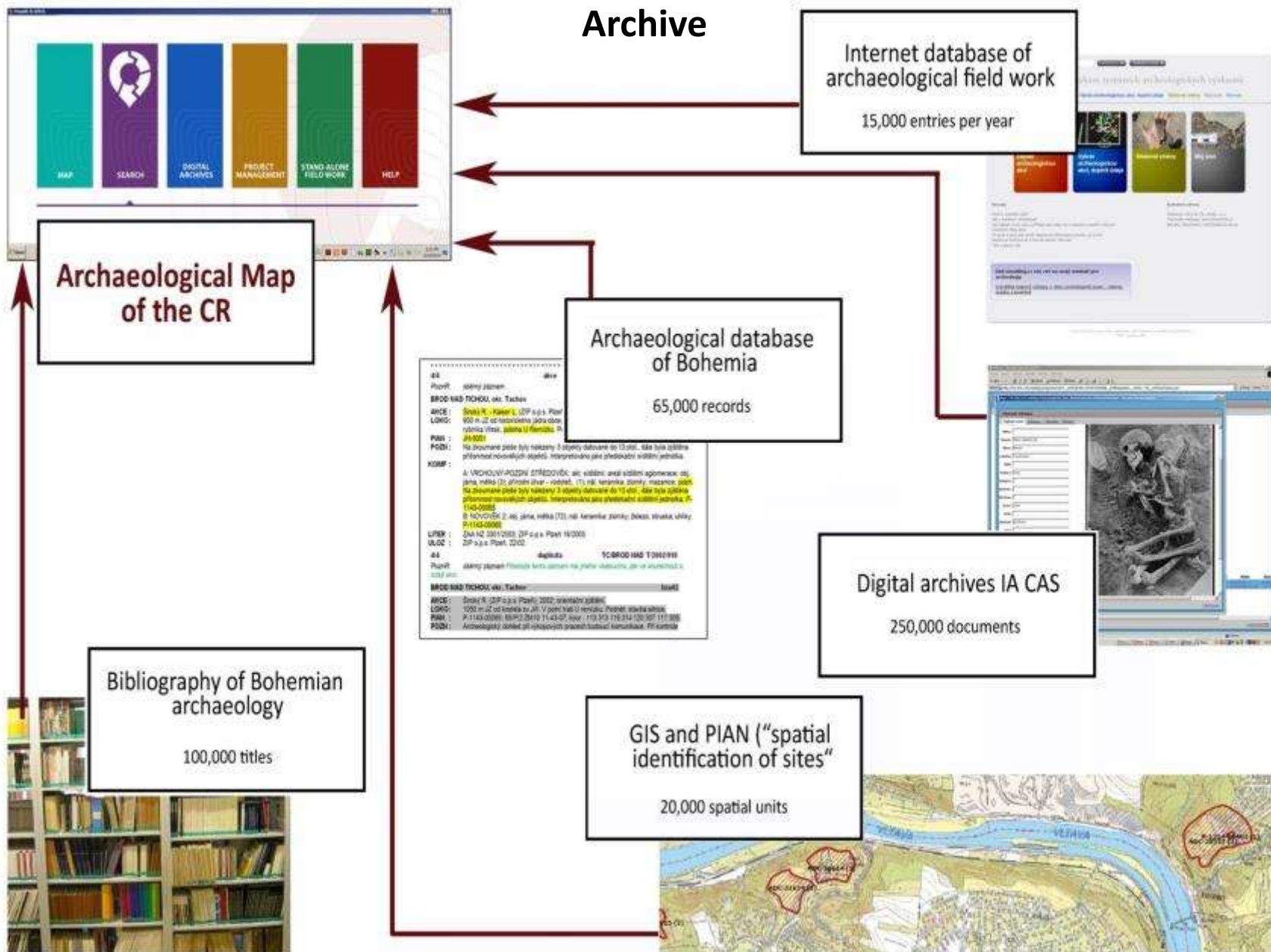
Management of archaeological Information

Archive

ARCHIVES	SERIES	CONTENTS	
PHOTOS	FT	field snaps	
	FP	photos of finds	
	FD	field slides	
AERIAL PHOTOS	LN	aerial negatives	
	LD	aerial slides	
PLANS (MAPS)	PY	plans	
EXCAVATION REPORTS	TX	find reports (short)	
	TX	excavation reports (extensive)	
	TX	conservation reports	
	TP	expert reports	
DIGITAL DOCUMENTS	DT	digital field photos	
	DP	digital snaps of artifacts	
	DL	digital aerial photographs	
	DM	digital data: databases, GPS, geodetical data	



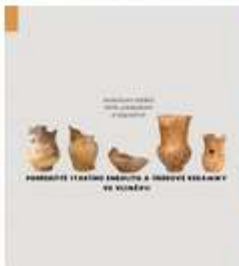
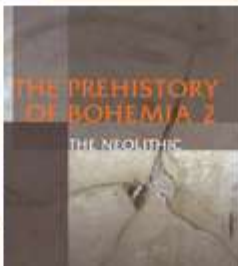
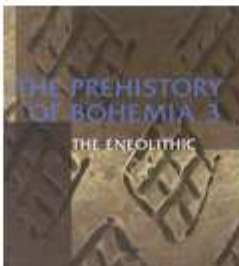
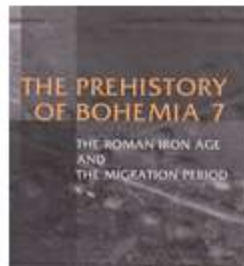
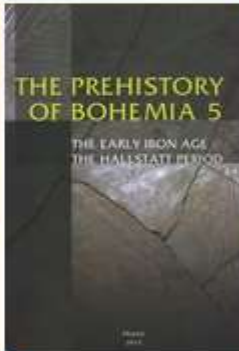
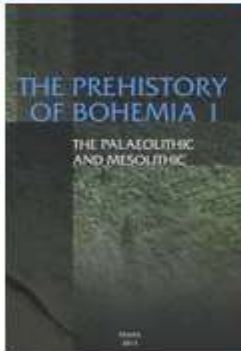
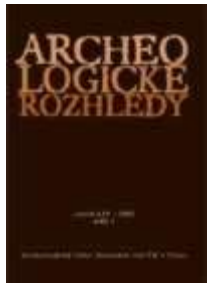
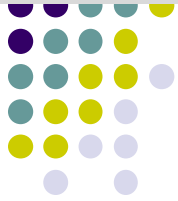
Management of archaeological Information





Publications

- AI is the **largest publisher of specialised archaeological literature** in the Czech Republic, including two major Czech journals (**Archeologické rozhledy** and **Památky archeologické**), and has a professional and technical capacities to maintain this status also in the future.





Institute's Library

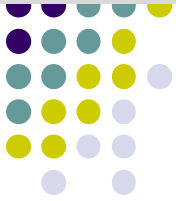
AI's manages the largest specialised library in the country

2014 - 40 281 monographs, 6 335 journals (many donations after floods, recent acquisitions)





- Under current legislation, AI has not the accreditation to educate post-graduate students. Although several among AI's staff **tutor graduate students**, they must do so only in the context of joint institutions with universities and professional growth of students may therefore be affected only partially.

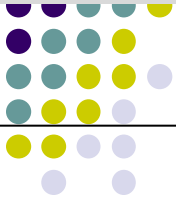


Main educational activities

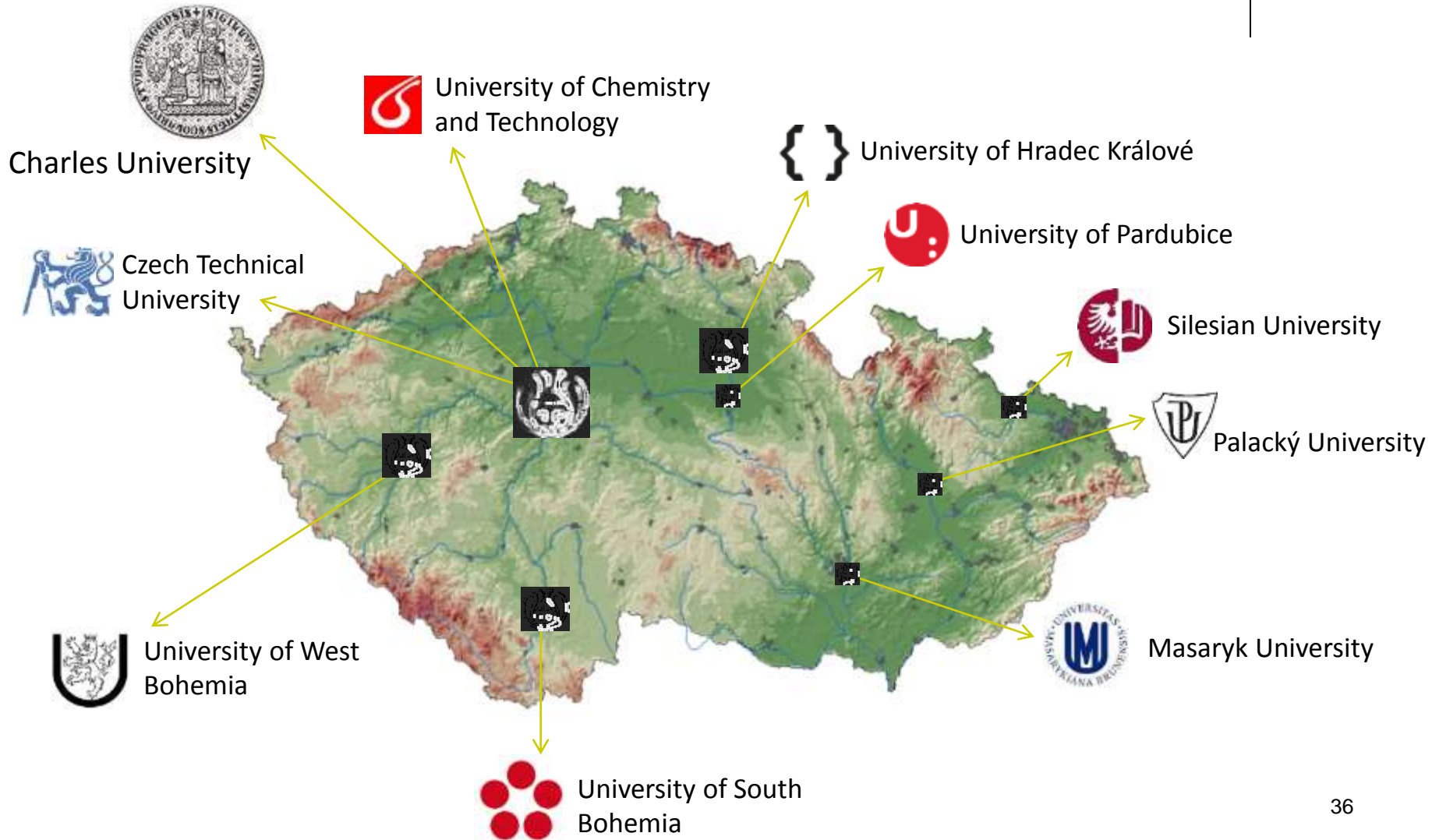
- BA, MA teaching courses, seminars,
- Supervision of students:

Type of study	No. of supervisors (theses, dissertations)	No. of consultants or co-supervisors	Theses defended in 2010-2014
Bachelor	79	17	76
Master	69	19	49
Doctoral	46	22	20

- Joint projects and publication
- Engaging students in grant projects
- Membership in academic boards
- Membership in scientific councils

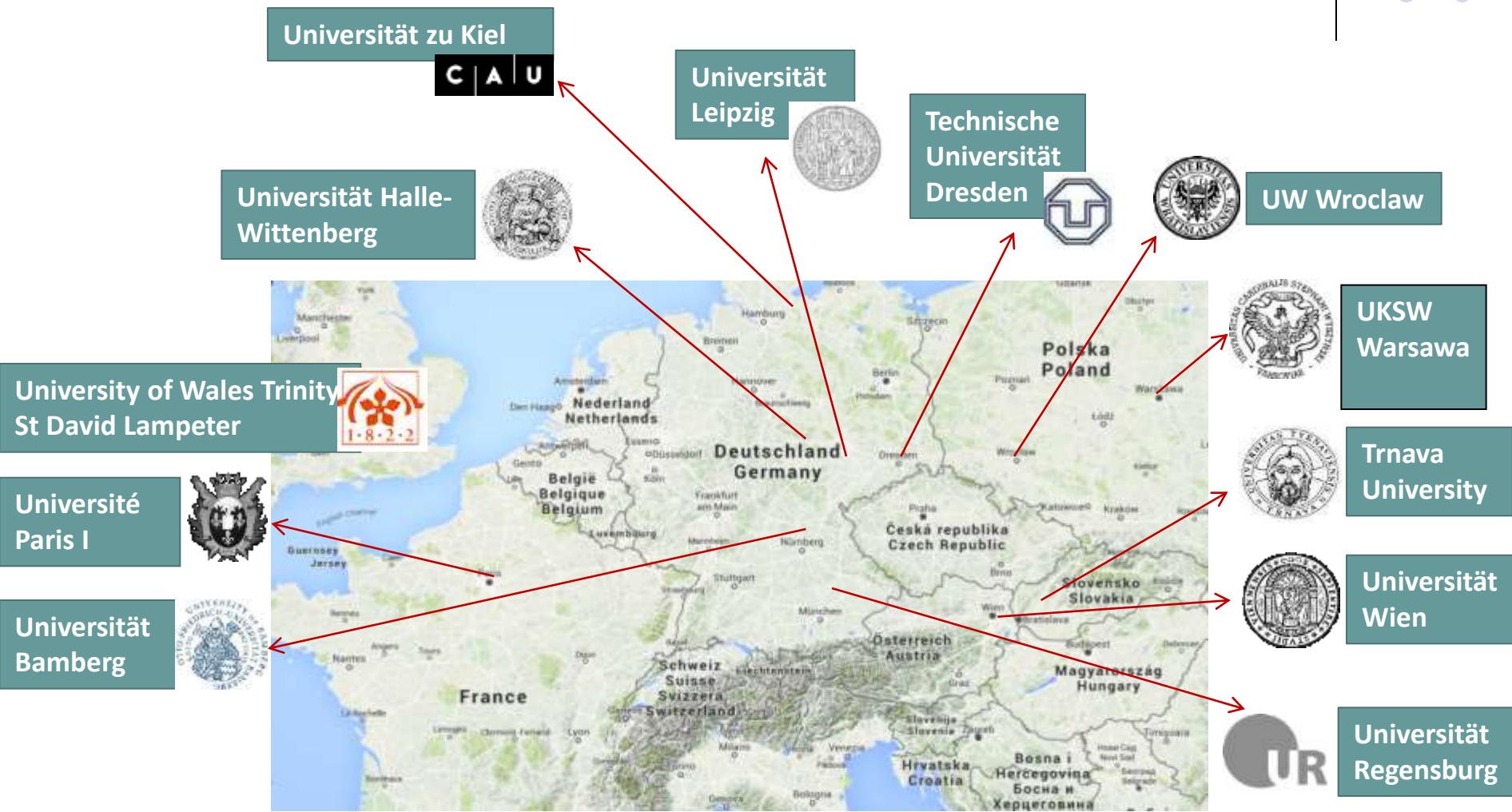
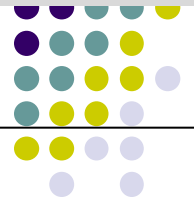


Universities in the Czech Republic





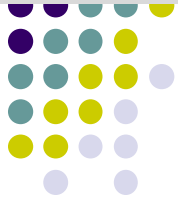
Universities in Europe



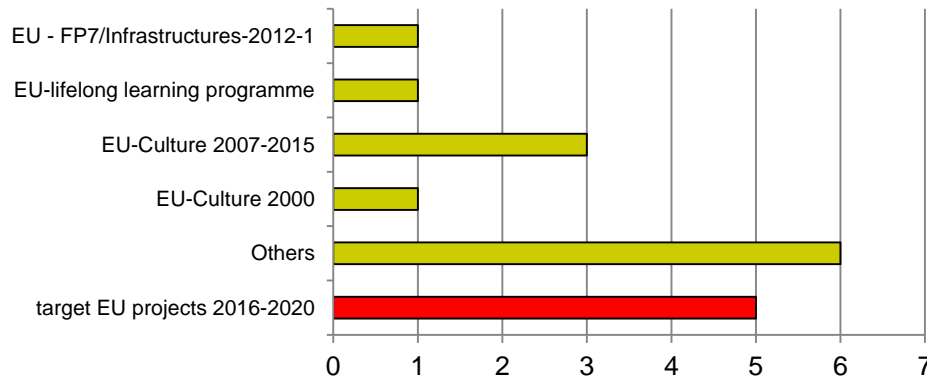


International cooperation

Recently AI (mostly) co-runs **several international EU funded projects (CEC, ARIADNE, ARCHES...)**. Our aim is to widen the network of partners through the networking activities. Aim is to succeed in proposals for joint EU projects in research and innovation programmes within the H2020 framework in period of next five years. In this respect we also aim to widen the collaborating network of AI from the current state to more intensive contacts especially with research-intensive institutions.



EU and other international joint projects 2010-2015





Funding

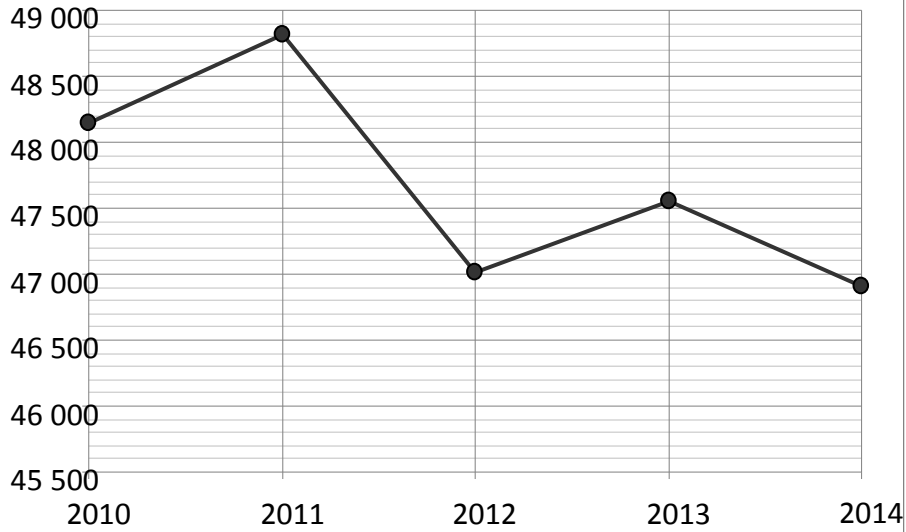
The important aspect for the operation of the AI is certainly research funding. AI has the potential to succeed in its essential roles in the future; however, the key question is **whether there will be accordingly set up a system of funding for science in the country**. If the funding of science will develop unfavourably, it does not necessarily mean the ending of AI, but it would mean a **radical retreat from the conquered positions in the field of theoretical research**.



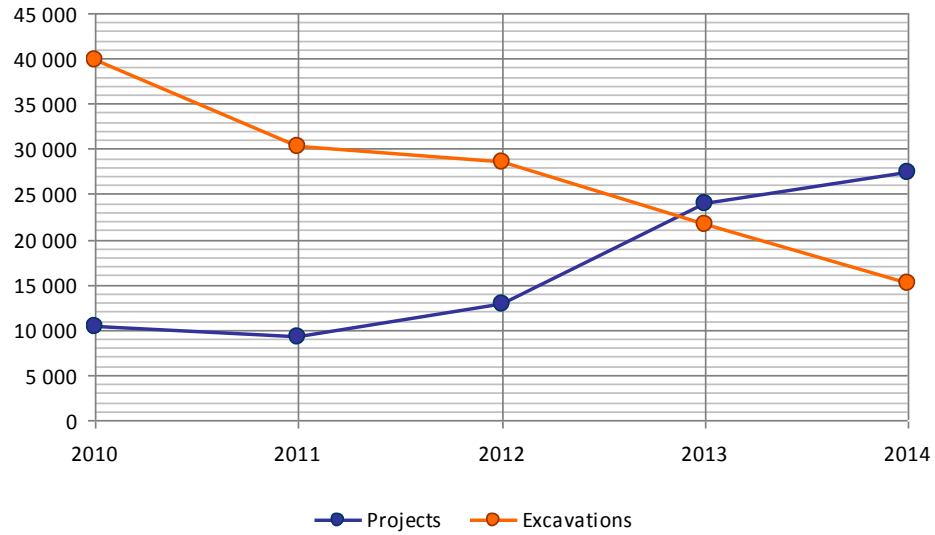


Funding

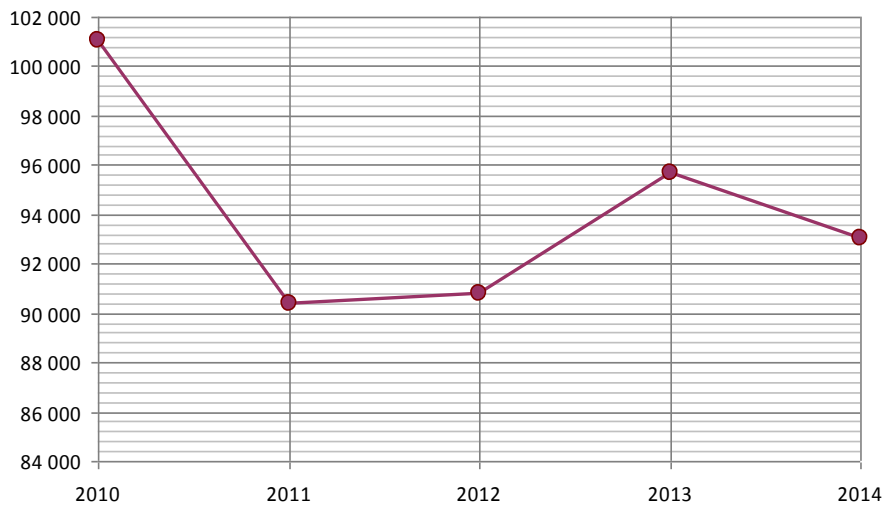
Governmental



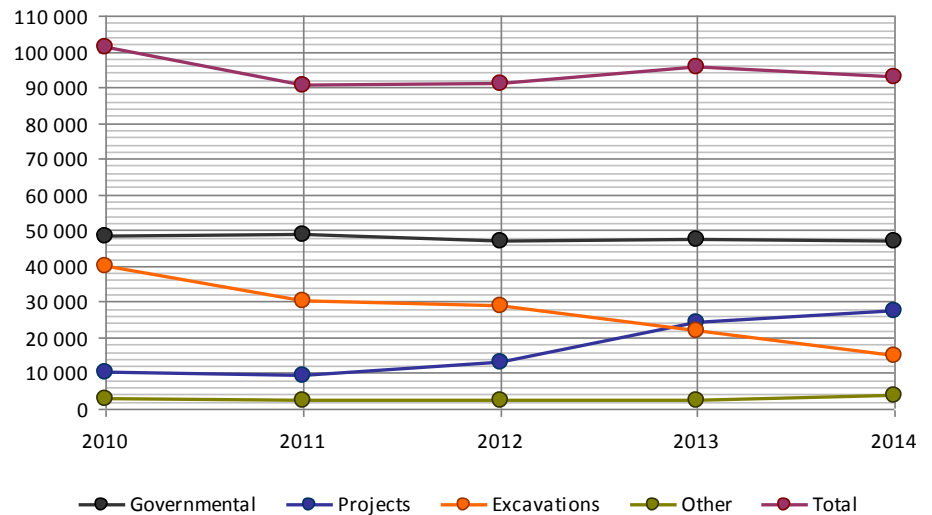
Projects & Excavations



Total



Summary





Dissemination and outreach activities

International Archaeology day





Dissemination and outreach activities

exhibition **The Legacy of Charlemagne**



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& quorundam predecessores ignavia ab incepto respiciant. Eumq. hic sic in hoc in
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- Main results of AI must continue to be such scientific outputs, which are expected from the institution of the Czech Academy of Sciences, whose **main task is fundamental scientific research** in the field of archaeology
- **Implementation** of large projects of the **theoretical research**.
- Conducting of **extensive field excavations** of endangered sites following current theoretical approaches.
- Creating and managing both analogue and digital **data files of the 'national' reach** and making them accessible to experts and the wider public.
- Coordination of field research in archaeology, to the extent defined by the **Heritage Act**.
- Editorial and **publishing** activities.
- Doctoral training and **educational activities**.
- **International collaboration** and applying for EU funds.