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He participated in field excavations and projects in Rhodos island, Phokis and Athens. Since the summer of 2009 he is the Greek director of excavations in **Halka Bunar**, Bulgaria (Hellenistic, Classical, Neolithic periods) which are a collaborative project between the Bulgarian Academy of Sciences and the Foundation of the Hellenic World. Since April 2011 he leads the field research for the **Gaugamela battlefield**, in Northern Iraq, within an archaeological project organized by the University of Athens.

His research fields encompasses natural economy and ecology of the Greek world, metal artifacts and trade with emphasis on toreutics, Ephesian architecture and archaeology, Phokian & Boeotian history and archaeology, Graeco-thracian & Greco-scythian contacts, and reception of Classics with emphasis on the 20th century visual culture.

He taught "*Modern Greek Language and Civilization*" in Charles University, Prague (1987-1990), "*Ancient Greek Luxury Production*" in the seminars of FHW (2003-2004), "*Semantics in the field of Digital Culture*" and "*Virtual Reality for Archaeology*" in the postgraduate seminars of the **Ionian University, Athens/Corfu** (2010-today), "*Principles and Practice in Ancient World's Economy*" in the **Economic University of Prague** (2010), and "*Ethical and Aesthetical Challenges of the Archaeological VR*", in the doctorate class of **Politecnico di Torino** (Dottorato di Ricerca in Beni Culturali 2011).

Since 1998 he participates in a multitude of projects related to the digitization of cultural resources, especially in the field of **Virtual Reality**. He was the scientific responsible for nearly all VR representations of the FHW (*Asclepieion of Messene, Ancient Olympia, Pheidias Workshop, Priene, Miletus, Ancient and Roman Agora of Athens, Archimedes experiments, Mycenaean Acropolis of Thebes, Oracle of Trophonios in Lebadeia, House of Dionysos in Pella*).

He is actively involved in the research and applications of the ontology modeling, the domain ontologies, the semantic web, the thesauri and the OWL. Such theoretical approaches have found practical implementations in the **online encyclopedias** of the FHW (on the volumes: *Asia Minor, Black Sea, Constantinople, Boeotia,* and *Plato & Platonic philosophy*), for which A.S. was **scientific editor of the Antiquity** part (and **chief editor** for the *Boeotia* and *Plato* volumes), as

well as in research projects on space and time organization of the knowledge and web-searches (with the University of Athens).

From 1999 to 2005 he was a **member of the editorial board** of the journal "*Imeros, Annual of the FHW on Culture and Digital Technologies*". He participates regularly in historical, archaeological and digital technologies international **conferences** and congresses (VAST, VSMM, CAA, EAA, CIPA, Archeovirtual) and he publishes both in the field of humanities and in the digitalized cultural heritage. He also gives **lectures** on his research themes in various institutions, among which, recently: the Institute of Greek and Roman Antiquity of the National Hellenic Research Foundation (Athens 2010), the Faculty of Ethics in the Charles' University, (Prague 2010), the Archaeological Institute of the Academy of Sciences of Bulgaria (Sofia 2010 / 2012).

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Scientific Editor and Co-editor of volumes:
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- **Sideris A. (ed.)**, *Ephesus. History and Architecture* (in Greek: *Έφεσος. Ιστορία και Αρχιτεκτονική,* IME), Athens 2009
- **Sideris A. (co-ed.)** in collaboration with Y. Tzedopoulos Y. and K. Ferla, *Proceedings of the Conference: Athletics, Society and Identity,* Athens 26-29 May 2004, Hellenic Cosmos*, Imeros* 5.1 (FHW, Athens 2005)
- **Sideris A. (co-ed.)** in collaboration with Y. Katsiampoura, Y. Tzedopoulos Y. and K. Ferla, *Strolling through Athens* (City of Athens, Athens 2004) also in French, German, Spanish and Greek.
- **Sideris A. (co-ed.)** in collaboration with Boudouri E., *Henri-Paul Boissonas – Asia Minor 1921* (in Greek, *Henri-Paul Boissonas – Μικρά Ασία 1921,* Μουσείο Μπενάκη – IME), Athens 2002

Scientific Co-editor of the journal *IMEros*:
- Member of the Editorial Committee of *"Imeros. An Annual Journal for Culture and Technology"* from 2000 to 2005 (issues 1 to 5.2)

Scientific Co-editor of Online Encyclopedias of FHW
    Sideris A., Ferla K., Lambada D., Tzedopoulos Y. (eds.), *Encyclopedia of Boeotia* Foundation of the Hellenic World (Athens 2010-2012)
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  http://blacksea.ehw.gr/forms/fStatic.aspx?gid=1&id=92&openP=yes
- Volume 3, Constantinople:
  http://constantinople.ehw.gr/forms/fStatic.aspx?gid=1&id=83&openP=yes

Scientific Editor of DVDs for Greek Museums

- *National Archaeological Museum*, OPEP 2009, under the supervision of N. Kaltsas.
- *Mycenae and the Mycenaean World*, OPEP 2009, under the supervision of K. Demakopoulou.
- *Epidaurus*, OPEP 2009, under the supervision of V. Lambrinoudakis.

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