

CURRICULUM VITAEWork:

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EDUCATION

- 2004-2005 **Post-doctoral studies**, Dept. of Geosciences, Virginia Tech, with Dr. J.F. Read
 December 2002 **Ph.D.** in Geology, University of Zagreb, Croatia. Thesis: *Mesozoic stratigraphy of the island of Mljet within the geodynamic evolution of the southern part of the Adriatic carbonate platform*
 September 1998 **M.Sc.** in Geology, University of Zagreb, Croatia. Thesis: *Biostratigraphy of the Orbitolinid deposits on the Island of Cres and correlation with corresponding deposits of the adjacent areas*
 June 1995 **B.Sc.** in Geology, University of Zagreb. Thesis: *Genesis of the "Gamma" deposits based on the well-log interpretation, Zutica oil/gas field, Croatia*

APPOINTMENTS

- 2007-present: **Assistant Professor**, Department of Geology, St. Lawrence University, Canton, NY, USA
 2003-2007: **Research Scientist**, Croatian Geological Survey, Department of Geology, Zagreb, Croatia
 2005-2007: **Assistant Professor (adjunct)**, Faculty of Mining, Geology and Petroleum Engineering, Department of Geology, University of Zagreb, Croatia
 2004-2005: **Post Doctoral Research Scientist – Fulbright Visiting Scholar**, Department of Geosciences, Virginia Tech, Blacksburg, VA
 1995-2003: **Research Assistant** (Junior Assistant 1995-1998; Assistant 1998-2003; Senior Assistant 2003), Institute of Geology, Zagreb, Croatia

HONORS, AWARDS AND FELLOWSHIPS

- Sept. 2004-July 2005: U.S. Department of State **FULBRIGHT Post-Doctoral Fellowship** at Department of Geosciences, Virginia Tech
 March 2005: **FULBRIGHT Occasional Lecturer Program Award**
 Dec. 2000: **Priroda** (Nature Journal – the oldest ecological journal in Europe) **Award** for extraordinary contribution to promote and popularize natural sciences
 1994: **University President's Award** for the Best Student's Thesis, University of Zagreb
 July 1994: **Student International Research Fellowship** (Turkey), University of Zagreb
 1992: Certificate in recognition of Outstanding Leadership in service to the Earth, Humanity and the Environment (United Earth, New York)

RESEARCH GRANTS

- ♦ **U.S. National Science Foundation** (Geology/Paleontology Program), Research Grant EAR 0639523 – Joint U.S.-Croatian Cooperative Research Project: Greenhouse and Transitional Climates in 50 m.y. Carbonate Record of the Late Jurassic-Early Cretaceous Dinaric Platform, Croatia; U.S. P.I.: J.F. Read, Croatian P.I.: A. Husinec; \$182,000; 3 years
- ♦ Ministry of Science, Republic of Croatia (Geosciences Program), Research Grant 181-1953068-0241 - Sedimentary Record of Jurassic-Cretaceous Climatic Changes in Karst Dinarides; P.I.: A. Husinec; \$71,500; 5 years
- ♦ U.S. State Department (Fulbright Program), Research Grant 68428172 - Global Climate Change During Tithonian (150Ma) to Cenomanian (94Ma): Adriatic Carbonate Platform's Response; P.I.: A. Husinec; \$30,000; 09/04-07/05
- ♦ Ministry of Science, Republic of Croatia (Geological Map of Croatia Program), Research Grant 0181001-05 - Geological Map of Lastovo Island; P.I.: A. Husinec; \$130,000; 05/01-06/04
- ♦ Ministry of Science, Republic of Croatia (Geological Map of Croatia Program), Research Grant 0181-0101 - Geological Map of Mljet Island; P.I.: A. Husinec; \$190,000; 05/99-06/02

TEACHING

- ♦ *Sedimentology*, Department of Geology, St. Lawrence University, Canton, NY
- ♦ *Carbonate Sedimentology*, Department of Geology, St. Lawrence University, Canton, NY
- ♦ *Dynamic Earth*, Department of Geology, St. Lawrence University, Canton, NY
- ♦ *Oceanography*, Department of Geology, St. Lawrence University, Canton, NY
- ♦ *Paleontology*, Dept. Mining, Geology and Petroleum Engineering, University of Zagreb, Croatia
- ♦ *Carbonate platform Record of Paleoclimate Change*, Dept. Mining, Geology and Petroleum Engineering, University of Zagreb, Croatia (graduate)

MEMBERSHIPS

- since 2005 Fulbright Alumni Association (Executive Board Member in Croatia, 2006-present)
 since 2001 Geological Society of America
 since 1995 American Association of Petroleum Geologists
 since 1994 Croatian Geological Society (Vice President, 2005-2007)

INVITED LECTURES

- University of South Carolina, Department of Geological Sciences. April 10, 2008.
 State University of New York at Potsdam, Department of Geology. February 2008.
 Virginia Tech, Department of Geosciences. October 19, 2006.
 University of Kansas, Department of Geology. May 3, 2005.
 Rice University, Department of Earth Science. March 14, 2005.
 Virginia Tech, Department of Geosciences. October 14, 2004.

PUBLICATIONS (PEER REVIEWED)

- HUSINEC, A., BASCH, D., ROSE, B. & READ, J.F.**, FISCHERPLOTS: an Excel spreadsheet for computing Fischer plots of accommodation change in cyclic carbonate successions in both the time and depth domain. *Computers & Geosciences*, 34, p. 269-277. DOI:10.1016/j.cageo.2007.02.004
- HUSINEC, A. & READ, J.F.**, 2007, The Late Jurassic Tithonian, a greenhouse phase in the Middle Jurassic – Early Cretaceous “cool” mode: Evidence from the cyclic Adriatic Platform, Croatia. *Sedimentology*, 54, p. 317-337. DOI:10.1111/j.1365-3091.2006.00837.x
- HUSINEC, A. & READ, J.F.**, 2006, Transgressive oversized radial ooid facies in the Late Jurassic Adriatic Platform interior: Low-energy precipitates from highly supersaturated hypersaline waters. *Geological Society of America Bulletin*, 118, p. 550-556. DOI:10.1130/B25864.1
- HUSINEC, A. & JELASKA, V.** 2006, Relative sea-level changes recorded on an isolated carbonate platform: Tithonian to Cenomanian succession, southern Croatia. *Journal of Sedimentary Research*, 76, p. 1120-1136. DOI:10.2110/jsr.2006.099
- HUSINEC, A. & SOKAC, B.**, 2006, Early Cretaceous benthic associations (foraminifera and calcareous algae) of a shallow tropical-water platform environment (Mljet Island, southern Croatia). *Cretaceous Research*, 27, p. 418-441. DOI:10.1016/j.cretres.2005.07.008
- KORBAR, T. & HUSINEC, A.**, 2003, Biostratigraphy of Turonian to (?)Coniacian platform carbonates: A case study from the Island of Cres (Northern Adriatic, Croatia). *Geologia Croatica*, 56, p. 173-185.
- HUSINEC, A.**, 2001, *Palorbitolina lenticularis* from the northern Adriatic region: Palaeogeographical and evolutionary implications. *Journal of Foraminiferal Research*, 31, p. 287-293.
- KORBAR, T., FUCEK, L., HUSINEC, A., VLAHOVIC, I., OSTRIC, N., MATICEC, D. & JELASKA, V.**, 2001, Cenomanian Carbonate Facies and Rudists along Shallow Intraplatform Basin Margin – the Island of Cres (Adriatic Sea, Croatia). *Facies*, 45, p. 39-58.
- HUSINEC, A., VELIC, I., FUCEK, L., VLAHOVIC, I., MATICEC, D., OSTRIC, N., & KORBAR, T.**, 2000, Mid Cretaceous orbitolinid (Foraminiferida) record from the islands of Cres and Lošinj (Croatia) and its regional stratigraphic correlation. *Cretaceous Research*, 21, 1, p. 155-171.
- HUSINEC, A.**, 1996, Well-log interpretation in terms of depositional environments for «gamma» series, Zutica oil/gas field, Croatia. *Nafta*, 47, p. 295-304.

In press

- HUSINEC, A., VELIC, I. & SOKAC, B.**, Diversity patterns in mid-Cretaceous benthic foraminifers and dasyclad algae of the southern part of Mesozoic Adriatic platform, Croatia, in DEMCHUK, J. & GARY, A., eds., *Geologic Problem Solving with Microfossils*, *SEPM Special Publication*.

OTHER PUBLICATIONS

- HUSINEC, A. & READ, J.F., 2005, Facies-stacking patterns in a Late Jurassic Bahama-type platform interior, Dinaric Platform, Croatia. *Search and Discovery*, #50013(2005), <http://www.searchanddiscovery.net/documents/2005/husinec/index.htm>.
- HUSINEC, A. & FUČEK, L., 2000, Orbitolinid (Foraminifera) Biozones from the Islands of Cres and Lošinj, Croatia, in VLAHOVIĆ I. & BIONDIĆ, R., eds., Proceedings, Second Croatian Geological Congress, Cavtat-Dubrovnik: Zagreb, Institute of Geology, p. 209-212.
- VELIC, I., SOKAČ, B., BENCEK, D., FUČEK, L., HUSINEC, A., JURACIC, M., MATICEC, D., OSTRIC, N. & VLAHOVIC, I., 2000, The Island of Mljet – Jurassic, Cretaceous and Recent Deposits, in VLAHOVIĆ I. & BIONDIĆ, R., eds., Excursion Guide-book, Second Croatian Geological Congress, Cavtat-Dubrovnik. Zagreb, Institute of Geology, p. 33-53.
- HUSINEC, A., FUČEK, L. & VELIC, I., 1999, Stratigraphic distribution of the main benthic foraminifera from the Aptian to Middle Cenomanian of the islands of Cres and Lošinj (Northern Adriatic, Croatia), in European Paleontological Association Workshop, Links between fossil assemblages and sedimentary cycles and sequences. Lisbon, July 22-25th 1999, p. 52-56.

ABSTRACTS/PRESENTATIONS

- HUSINEC, A., DONALDSON, J.A., CHIARENZELLI, J.R. & ERICKSON, J.M., 2008, Occurrence and features of microbial structures of the Theresa Formation, Cambro-Ordovician, New York, in GSA Northeastern Section – 43rd Annual Meeting, Abstract with Program, *in press*, Buffalo, NY, USA.
- BLUMBERG, E., CHIARENZELLI, J.R., HUSINEC, A., & RYGEL, M., 2008, Insight from cores in the Potsdam Group, northern New York, in GSA Northeastern Section – 43rd Annual Meeting, Abstract with Program, *in press*, Buffalo, NY, USA.
- HUSINEC, A. & READ, J.F., 2007, Significance of meniscus-type ooid-to-ooid bridges precipitated in a highly supersaturated low-energy shallow subtidal environment, in GSA Annual Convention, Abstract with Program, v. 39, p. 146, Denver, CO, USA.
- HUSINEC, A. & READ, J.F., 2006, Late Jurassic Tithonian greenhouse climate inferred from facies stacking: Adriatic cyclic platform interior, Croatia, in GSA Annual Convention, Abstract with Program, v. 38, p. 74, Philadelphia, PA, USA.
- HUSINEC, A. & VELIĆ, I., 2006, Biostratigraphy and diversity of mid-Cretaceous benthic foraminifera of Adriatic Platform, S Croatia, in International Symposium on Foraminifera FORAMS 2006, Abstracts, p. 652-653, Natal, Brazil.
- HUSINEC, A. & READ, J.F., 2005, Facies-stacking patterns in a Late Jurassic Bahama-type platform interior, Dinaric Platform, Croatia, in AAPG Annual Convention, Abstract Volume, p. A65, Calgary, Alberta, Canada.
- HUSINEC, A. & SOKAČ, B., 2005, Shallow Marine Benthic Biota as Proxy for Sea-Level and Sedimentary History, Carbonates of Bahama-Type Mesozoic Platform, Southern Croatia, in WASZCZAK, R.F. & DEMCHUK, T.D., eds., Geologic Problem Solving with Microfossils, NAMS/SEPM, 2005, p. 3-3, Houston, TX.
- HUSINEC, A. & READ, J.F., 2005, Fischer plots track accommodation changes in Mesozoic Adriatic platform, in VELIĆ, I., VLAHOVIĆ, I. & BIONDIĆ, R., eds., Third Croatian Geological Congress, Opatija, 29.9.-1.10.2005, Abstracts Book, p. 59, Zagreb.
- HUSINEC, A. & READ, J.F., 2005, Late Jurassic facies stacking patterns in the interior of the Adriatic Platform: Evidence for greenhouse climate in Mesozoic cool mode, in VELIĆ, I., VLAHOVIĆ, I. & BIONDIĆ, R., eds., Third Croatian Geological Congress, Opatija, 29.9.-1.10.2005, Abstracts Book, p. 61, Zagreb.
- KORBAR, T., HUSINEC, A., PALENIK, D., FUČEK, L., VLAHOVIĆ, I. & SOKAČ, B., 2005, Stratigraphy of Cretaceous Deposits of the Island of Vis (Adriatic Sea, Croatia), in VELIĆ, I., VLAHOVIĆ, I. & BIONDIĆ, R., eds., Third Croatian Geological Congress, Opatija, 29.9.-1.10.2005, Abstracts Book, p. 73-74, Zagreb.
- HUSINEC, A. & JELASKA, V., 2003, Main geological events and relative sea-level oscillations recorded in the Late Jurassic to mid-Cretaceous shallow-water carbonates of the Mljet island, southern Croatia, in VLAHOVIĆ, I., ed., 22nd IAS Meeting of Sedimentology, September 17-19, 2003, Abstracts Book, p. 83, Opatija-Croatia.
- FUČEK, L., VLAHOVIĆ, I., TIŠLIJAR, J., VELIĆ, I., HUSINEC, A., KORBAR, T., MATIČEC, D., OŠTRIĆ, N., PRTOJAN, B., PALENIK, D. & IBRAHIMPAŠIĆ, H., 2003. Dynamics of latest Albian-Cenomanian sedimentary environments in the NW part of the Adriatic Carbonate Platform (Istria and northern Adriatic Islands, Croatia), in VLAHOVIĆ, I., ed., 22nd IAS Meeting of Sedimentology, September 17-19, 2003, Abstracts Book, p. 60, Opatija-Croatia.
- HUSINEC, A., 2002, Observations on morphologic characters in *Palorbitolina lenticularis* populations from NW of the Adriatic Carbonate Platform, in REVETS, S., ed., International Symposium on Foraminifera FORAMS 2002, The University of Western Australia, 4-8 February 2002, Abstracts, p. 99, Perth.
- HUSINEC, A. & VELIC, I., 2002. Foraminiferal biostratigraphy and palaeoenvironments at the Jurassic/Cretaceous and Early/Late Cretaceous boundaries in the Adriatic region: the Mljet island, southern Croatia, in REVETS, S., ed., International Symposium on Foraminifera FORAMS 2002, Abstracts: Perth, The University of Western Australia, 4-8 February 2002, Abstracts, p. 42-43, Perth.
- KORBAR, T. & HUSINEC, A., 2002, Biostratigraphy of the Turonian to (?) Coniacian Shallow-Water Carbonate Succession on the Island of Cres, Northern Adriatic, Croatia, in VLAHOVIC, I. & KORBAR, T., eds., Sixth

International Congress on Rudists, September 29 – October 5, 2002, Abstracts and Excursion Guidebook, p. 32-33, Rovinj.

- HUSINEC, A. & VELIC, I.**, 2001, Agglutinated foraminifera at the Lower/Upper Cretaceous boundary of Southern Croatia, in HOLCOVÁ, K. & BUBIK, M., eds., 6th International Workshop on Agglutinated Foraminifera, September 1-7, 2001, Abstracts, p. 27-29, Prague.
- HUSINEC, A. & VELIC, I.**, 1998. Orbitolinid biostratigraphy of the Aptian and Albian carbonate deposits on the island of Cres (Adriatic Sea, Croatia), in LONGORIA, J. F. & GAMPER, M. A., eds., International Symposium on Foraminifera FORAMS '98, Sociedad Mexicana de Paleontología, Proceedings of the Meeting and Abstracts with Programs, p. 52, Monterrey, Mexico.

GEOLOGICAL MAPS & REPORTS

- VLAHOVIC, I., FUCEK, L., GRGASOVIC, T., **HUSINEC, A.**, KORBAR, T., MATICEC, D. & OSTRIC, N., 2002. Geology of the Jezerane region in Lika, Croatia. Institute of Geology, Zagreb, 77 p.
- HUSINEC, A.**, FUCEK, L., KORBAR, T., OSTRIC, N., PRTOJAN, B., in press. Geological map of the Mljet island, Croatia. Institute of Geology, Zagreb.
- HUSINEC, A.**, FUCEK, L., GRGASOVIC, T., OSTRIC, N., PALENIK, D., in press. Geological map of the Lastovo island, Croatia. Institute of Geology, Zagreb.
- KORBAR, T., FUCEK, L., **HUSINEC, A.**, OSTRIC, N., VLAHOVIC, I., in press. Geological map of the Vis island, Croatia. Institute of Geology, Zagreb.
- FUCEK, L., **HUSINEC, A.**, KORBAR, T., MATICEC, D., OSTRIC, N., VLAHOVIC, I., in press. Geological map of the Cres and Losinj islands, Croatia. Institute of Geology, Zagreb.
- MATICEC, D., FUCEK, L., **HUSINEC, A.**, KORBAR, T., OSTRIC, N., VLAHOVIC, I., in press. Geological map of Istria, Croatia. Institute of Geology, Zagreb.

POPULAR SCIENCE ARTICLES IN CROATIAN NATURE MAGAZINE (*PRIRODA*)

- HUSINEC, A.**, 2003. Death Valley. *Priroda*, v. 93, p. 36-39.
- HUSINEC, A.**, 2002. Bryce Canyon. *Priroda*, v. 92, p. 60-62.
- HUSINEC, A.**, 2001. The Arches of the Colorado Plateau. *Priroda*, v. 91, p. 26-29.
- HUSINEC, A.**, 2001. Monument Valley – Navajo Land. *Priroda*, v. 91, p. 34-35.
- HUSINEC, A.**, 2000. Yosemite – the temple of Sierra Nevada. *Priroda*, v. 90, p. 18-20.
- HUSINEC, A.**, 2000. Sequoia – a forest masterpiece. *Priroda*, v. 90, p. 18-20.
- HUSINEC, A.**, 2000. America deserta: Grand Canyon. *Priroda*, v. 90, p. 27-29.
- HUSINEC, A.**, 2000. America deserta (II.): Petrified Forest. *Priroda*, v. 90, p. 16-17.

CURRENT RESEARCH INTERESTS

Current research interests emphasize the use of microfossil record and stratal patterns to understand past depositional, climatic and oceanographic systems. I am particularly interested in carbonate platform records as sea level and climate change proxies, as well as computer modeling of carbonate platform sequences. The ongoing *NSF*-funded collaborative research (with Fred Read) on the the Jurassic-Cretaceous sections of the Adriatic platform in Croatia will provide important paleoclimatic data for this time interval during which some of the world's major petroleum reservoirs were generated.
