

MEMBER COUNTRY: POLAND						
National Report to SCAR for year 2012						
Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
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SCAR Delegates						
1) Delegate	Andrzej Gaździcki	Institute of Paleobiology, 51/55 Twarda st., 00-818 Warszawa, Poland	(48-22) 697-87-96	(48-22) 620-62-25	gazdzick@twarda.pan.pl	www.paleo.pan.pl
2) Alternate Delegate	Krzysztof Jażdżewski	Department of Invertebrate Zoology & Hydrobiology, University of Łódź, 12/16 Banacha st., 90-237 Łódź, Poland	(48-42) 635-44-45	(48-42) 635-44-40	kryjaz@biol.uni.lodz.pl	www.invertebrates.uni.lodz.pl
Standing Scientific Groups						
Life Sciences						
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2)	Katarzyna Chwedorzewska	Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Department of Antarctic Biology, Pawinskiego 5a, 02-106 Warszawa, Poland	(48-22) 846-33-83	(48-22) 846-19-12	kchwedorzewska@go2.pl	www.arctowski.pl
3)	Maria Olech	Department of Polar Studies and Documentation, Institute of Botany, Jagiellonian University, 27 Kopernika st., 31-501 Kraków, Poland	(48-12) 663-36-26	(48-12) 423-09-49	olech@ib.uj.edu.pl	www.ib.uj.edu.pl
4)	Jacek Siciński	Department of Invertebrate Zoology & Hydrobiology, University of Łódź, 12/16 Banacha st., 90-237 Łódź, Poland	(48-42) 635-42-92	(48-42) 635-44-40	sicinski@biol.uni.lodz.pl	www.invertebrates.uni.lodz.pl
Geosciences						
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3)	Wojciech Majewski	Institute of Paleobiology, 51/55 Twarda st., 00-818 Warszawa, Poland	(48-22) 697-88-53	(48-22) 620-62-25	wmaj@twarda.pan.pl	www.paleo.pan.pl
4)	Jan Cisak	Institute of Geodesy and Cartography, 27 Modzelewskiego st., 02-679 Warszawa, Poland	(48-22) 329-19-08	(48-22) 329-19-50	jan.cisak@igik.edu.pl	www.igik.edu.pl
Physical Sciences						
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Activity	Contact Name	Address	Telephone	Fax	Email	web site
Scientific Research Program						
CAML (#53)						
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ABBED (in the framework of CAML)						
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ACE (#54)						
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2)	Andrzej Tatur	Warsaw University, Faculty of Geology, Department for Protection of Environment and Natural Resources, Żwirki i Wigury 93, 02-089 Warszawa, Poland	(48-22) 554 06 00	(48-22) 554 00 01	tatura@interia.pl	www.uw.edu.pl
3)	Krzysztof Krajewski	Institute of Geological Sciences, 51/55 Twarda st. 00-818 Warszawa, Poland	(48-22) 697-87-26	(48-22) 620-62-23	kpkraj@twarda.pan.pl	www.ing.pan.pl
SCAR-MarBIN (#83)						
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3)	Magda Błażewicz-Paszkowycz	Department of Invertebrate Zoology & Hydrobiology, University of Łódź, 12/16 Banacha st., 90-237 Łódź, Poland	(48-42) 635-42-97	(48-42) 635-44-40	magdab@biol.uni.lodz.pl	www.invertebrates.uni.lodz.pl
AMES (#131)						
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EBA (#137)						
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ALIENS (#170)						
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IMCOAST (continuation of CLICOPEN)						
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ACTION GROUPS						
APECS	Malgorzata Korczak-Abshire	Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Department of Antarctic Biology, Pawinskiego 5a, 02-106 Warszawa, Poland	(48-22) 846-33-83	(48-42) 846-19-12	korczak@gmail.com	www.arctowski.pl
EXPERT GROUPS						
SCADM						
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NATIONAL ANTARCTIC DATA CENTRE						
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Department of Polar Studies and Documentation, Institute of Botany, Jagiellonian University, 27 Kopernika st., 31-501 Kraków, Poland			(48-12) 663-36-26	(48-12) 423-09-49	olech@ib.uj.edu.pl	www.ib.uj.edu.pl
SCAR DATABASE						

**A BRIEF SUMMARY OF
SCIENTIFIC HIGHLIGHTS:**

Life Sciences

CLICOPEN (#34)– several publications and presentations at international symposia: on the impact of the deglaciation of Western Antarctic upon the terrestrial and marine communities.

CAML (#53) - a fundamental summary of the project "Structural and ecofunctional aspects of the bottom communities diversity in the Maritime Antarctic" - a monographic chapter by Siciński et al., 2011. Admiralty Bay benthos diversity – a census of a complex polar ecosystem. Deep Sea Res. II, 58: 30-48. Dept. Polar Biology, Univ. Łódź in cooperation with C. De Broyer (Inst. Roy. Sci. Nat. Belgique), E. Nonato, T. Corbisier, M. Petti (Univ. Sao Paulo), T. Brito (PROANTAR), H. Lavrado, L. Campos (Univ. Rio de Janeiro) and a series of 6 papers on West Antarctic zoobenthos, published in 2011 by the same team (M. Blazewicz-Paszkowycz, A. Jazdzewska, K. Jazdzewski, P. Jozwiak, K. Pabis, J. Sicinski, K. Zemko) in cooperation with S. Brix (Senckenberg a. Meer German Centre f. Mar. Biodiv. Res., Hamburg) and T. Krapp-Schickel (Forschungsmuseum A. Koenig, Bonn)

IMCOAST (Impact of climate induced glacial system in the Western Antarctic Peninsula), "Climatic constrains of productivity and trophic structure in Anrtarctic fjord ecosystem" EU project. A. Tatur (Warsaw University, Poland), D. Abele (AWI, Germany)

Geosciences

ACE (Antarctic Climate Evolution) - reconstruction of climatic changes on King George Island (South Shetlands) during the past 50 million years. ACE – SCAR's Scientific Research Programme. K. Birkenmajer (Institute of Geological Sciences, PAS, Kraków), K. P. Krajewski, P. Bylina, G. Zieliński (Institute of Geological Sciences, PAS, Warszawa), A. Gaździcki, W. Majewski (Institute of Paleobiology, PAS), and A. Tatur (Warsaw University), J. Nawrocki, M. Pańczyk (Polish Geological Institute, Warszawa), K. Delura (Warsaw University), Z. Pecskay (Debrecen, Hungary).

ACE (Antarctic Climate Evolution) - Cenozoic glaciations and biota evolution: evidence from West Antarctica. ACE – SCAR's Scientific Research Programme. A. Gaździcki, W. Majewski (Institute of Paleobiology, PAS) in cooperation with P. Jadwiszczak (University of Białystok), A. Tatur (Warsaw University) and A. Uchman (Jagiellonian University, Kraków).

Benthic foraminifera from West Antarctica; their molecular and paleoclimatic implications. W. Majewski (Institute of Paleobiology, PAS) in cooperation with J. B. Anderson (Rice University, Houston) and J. Pawłowski (University of Geneva).

Cenozoic benthic foraminiferal evolution on both sides of the Drake Passage. W. Majewski, A. Gaździcki (Institute of Paleobiology, PAS).

Antarctic fossil penguins; Evolutionary trends - P. Jadwiszczak (University of Białystok) in co-operation with C. Acosta Hospitaleche (Museo de La Plata, La Plata, Argentina), A. Gaździcki (Institute of Paleobiology PAS, Warsaw), A. Tatur (Warsaw University), K.P. Krajewski (Institute of Geological Sciences PAS, Warsaw) and G. Zieliński (Polish Geological Institute - National Research Institute, Warsaw).

Seismic investigations of the crustal structure of the South Shetland Islands, West Antarctica. A. Guterch (Institute of Geophysics, PAS) and M. Grad (Warsaw University).

Geodynamics of Western Antarctica. Joint geophysical and petrological models for the lithosphere structure of the Antarctic Peninsula continental margin. T. Janik (Institute of Geophysics PAS, M. Grad (University of Warsaw) in cooperation with T. Yegorova and V. Bakhmutov (Institute of Geophysics, National Academy of Sciences of the Ukraine). Publication in Geophys. J. International 2011.

Development and evolution of Antarctic cryosphere in the Antarctic from Eocene till now. Polish-Russian project, its main goal is to find uniform lithostratigraphic model for East and West Antarctica. A. Tatur (Warsaw University), K.P. Krajewski (Institute of Geological Sciences PAS, Warsaw).