

ELECTIONS TO THE WORLD HERITAGE COMMITTEE - CANDIDATURE FORMAT FOR EXPERTS IN THE FIELD OF THE CULTURAL/NATURAL HERITAGE

FORMAT OF THE CANDIDATURE	EXPLANATORY NOTES	
State Party	Poland	
Official contact information	Permanent Delegation of the Republic of Poland to UNESCO dl.poland@unesco-delegations.org 1, rue Miollis, 75015 Paris Tel.: +33 (0) 145 682 997	
CV of expert(s)	According to Article 9 of the <i>Convention</i> "9.3 States members of the Committee shall choose as their representatives persons qualified in the field of the cultural or natural heritage" and Article 5 of the <i>Rules of Procedure</i> of the World Heritage Committee "5.2 States members of the Committee shall choose as their representatives persons qualified in the field of cultural or natural heritage. They are strongly encouraged to include in their delegation persons qualified in both fields." The CV of each expert should indicate:	
	Cultural Heritage	Natural Heritage

	1. Education (highest degrees obtained) 2. Professional career 3. Experience at the regional and international level 4. Languages 5. Membership in professional and international organizations (if any) 6. Publications in the field of cultural heritage (selection - max. 10)	1. Education (highest degrees obtained) 2. Professional career 3. Experience at the regional and international level 4. Languages 5. Membership in professional and international organizations (if any) 6. Publications in the field of natural heritage (selection - max. 10)
Duration of the mandate	By Resolution 13 GA 9, the General Assembly invites the States Parties to the <i>World Heritage Convention</i>, to voluntarily reduce their term of office from six to four years.	

Professor Jacek Purchla



1. Education

Prof. Purchla pursued studies in economics and art history, earning his PhD in 1983 and habilitation in 1991 from the Jagiellonian University. He was appointed full professor (professor ordinarius) in 1997. He holds positions at both the Krakow University of Economics (UEK) and the Jagiellonian University.

2. Professional career

Since 1976 - employee of the Academy of Economics (now the University of Economics) in Kraków

1991 to 2018 - employee of the Jagiellonian University

1993 - became Head of the Urban Development Department in the Department of Economic History at the Academy of Economics (now the University of Economics),

2008 to 2024 - Head of the Department of Economic and Social History at the Cracow University of Economics, as well as Head of the newly established UNESCO Department of Cultural Heritage and Urban Studies.

1995 to 2001 – Head of the Urban Studies Department at the Institute of Art History at Jagiellonian University.

2005 to 2018 - led the European Heritage Department at the Institute of European Studies at Jagiellonian University.

In 2017 - awarded an honorary doctorate by the National University 'Lviv Polytechnic'.

3. Experience at the regional and international level

1989 to 1990- Chairman of the Commission on the Charter of the City of Krakow of Solidarity Citizens' Committee.

1990 to 1991 - Deputy Mayor of Krakow and Acting Mayor from January to February 1991. During this period, he played a key role in developing a comprehensive strategy for the city's growth and expansion, while also overseeing local government policies related to culture, historical monument protection, and international cooperation.

1991 - founded the International Cultural Centre in Krakow, becoming its first director (a position he held until early 2018), and he still heads the European Heritage Institute 1995-2001 - professor at the Institute of Art History at Jagiellonian University from

2012 - Vice-Chairman of the Polish Committee for UNESCO.

2015 to 2020 - Chairman of the Polish Committee for UNESCO.

2015 to 2025 - president of the Society of Friends of the History and Monuments of Krakow.

2016 to 2017 - Chairman of the UNESCO World Heritage Committee.

February 2019 - the Senate of Jagiellonian University elected him as the first President of the University Council for the term 2021–2024.

4. Languages

English, German

5. Membership in professional and international organizations

- Art Studies Committee at the Polish Academy of Sciences
- Comité International d'Histoire de l'Art (CIHA)
- Europa Nostra Council
- ICOMOS
- Advisory Council of Anna Lindh Euro-Mediterranean Foundation for the Dialogue Between Cultures.
- Board of Trustees of the Royal Castle in Warsaw.
- expert of the European Commission in the European Heritage Label project
- chairmen of the Monument Preservation Council at the Ministry of Culture and National Heritage in Poland (2000-2016).

6. Publications in the field of cultural heritage (selection)

- *Jak powstał nowoczesny Krakow* [How modern Krakow originated], Krakow, 1979; 2nd edition, Krakow, 1990.
- *Wien-Krakau im 19. Jahrhundert*, Vienna, 1985.
- *Jan Zawiejski – architekt przełomu XIX i XX wieku* [Jan Zawiejski – an architect of the turn of the 19th and 20th centuries], Warsaw, 1986.
- *Matecznik Polski. Pozaekonomiczne czynniki rozwoju Krakowa w okresie autonomii galicyjskiej* [The cradle of Poland. Non-economic factors of Krakow's development in the period of Galician autonomy], Krakow, 1990; 2nd edition, Krakow, 1992.
- *Krakau unter österreichischer Herrschaft 1846–1918. Faktoren seiner Entwicklung*, Vienna-Cologne-Weimar, 1993.
- *Das Theater und sein Architekt*, Krakow, 1993)
- *Krakow – prowincja czy metropolia?* [Krakow – provinces or metropolis?], Krakow, 1996.
- *Krakow in the European Core*, Krakow, 2000, 2nd edition Krakow 2016, and various language versions (Kraków w Europie Środka, Krakau Mitten in Europa, Cracovia nell'Europa centrale, Cracovia en Europa Central, Cracovie dans l'Europe du Centre)

- *Gry w miasto* [Playing a city], Krakow, 2011.
- *Międzynarodowe Centrum Kultury. Początek* [International Cultural Centre. The Beginning], Kraków 2015.

Prof. Jacek Purchla is also a scientific editor of over 40 collective works and the author of over 400 articles published in many languages.

Anna Marconi – Betka

Cultural Heritage Policy Expert and Landscape Heritage Preservation Specialist



1. Education

Msc. Ing. Landscape architect at the Warsaw Agriculture University, 1993

Post graduate diploma on protection of historic gardens and parks, Warsaw Agriculture University, 1997

2. Professional career

Since 1992 – employed at the Board for Protection and Conservation of Palace and Garden Complexes, later renamed: the Centre for the Preservation of Historic Landscape, National Heritage Board of Poland, finally functioning as a National Institute of Cultural Heritage:

1992 – 2007 specialist in the field of protection and restoration of historic parks, gardens and cultural landscapes.

1994 –US ICOMOS internship at the National Park Service Historic American Building Survey/Historic American Engineering Record programme on heritage documentation for the US Congress Library.

Since 2007 member of the team dealing with the implementation of the provisions of the Convention concerning the Protection of the World Cultural and Natural Heritage, within the scope entrusted to the Institute by the Minister of Culture and National Heritage, since 2013 as its head.

Expert in the Steering Committee of the project entitled Implementation of the Management Plan for the Białowieża Forest World Heritage Site, which is an advisory, expert body recommending solutions to improve the implementation of the task.

Expert in the Committee for World Cultural Heritage in Poland, an advisory body to the Minister of Culture and National Heritage.

Over thirty years of experience in the protection and management of cultural heritage. Author of numerous projects for the revalorisation of historic parks and gardens, as well as documentation on the monuments and the protection of the cultural landscape.

Author of numerous expert opinions on the protection of World Heritage Sites and other monuments.

3. Experience at the regional and international level

Coordinator of the Regional Expert Meeting on Cultural Landscapes in Eastern Europe, Białystok, Poland, 1999, organized in cooperation with the UNESCO World Heritage Centre, IUCN, ICOMOS, and ICCROM.

Since 2007, in charge of matters related to the implementation of the 1972 UNESCO Convention on the Protection of the World Cultural and Natural Heritage. She has been responsible for the

organisation of a number of expert international meetings both regionally and globally. As an expert on the World Heritage Convention, works with the Ministry of Climate and Environment in this area, in particular consulting on the Białowieża Forest.

Coordinator of the Periodic Reporting Follow-up Meeting for Eastern and Central Europe, Wrocław, Poland, 2007, organized in cooperation with the UNESCO World Heritage Centre, IUCN, ICOMOS, and ICCROM. Attended by 37 participants from 13 countries (Armenia, Austria, Belarus, Bulgaria, Czech Republic, Germany, Hungary, Lithuania, Poland, Romania, Slovakia, United Kingdom, Ukraine). Resulted with consideration of the momentum for raising awareness about World Heritage, creating a European network of Focal Points, strengthening cooperation within the region and subregions and enhancing the credibility of the World Heritage Convention.

Representative of Poland at the Central, East and South-East Europe Experts Workshop Network Meeting on Current trends and challenges of the implementation of the World Heritage Convention, Vilm, Germany, 2009.

2010-2011 coordinator on behalf of the National Institute of Cultural Heritage of the international programme Improvement of the existing protection and management systems for sites inscribed on the UNESCO World Heritage List – preparation of statements of outstanding universal value and monitoring indicators, based on Norwegian and Polish experiences, carried out by the Polish National Committee of ICOMOS in cooperation with the Norwegian National Committee of ICOMOS and the Malopolska Regional Office for Monuments Protection.

Coordinator of the International World Heritage Expert Meeting on Criterion (vi) and associative values, Warsaw, Poland, 2012, requested by the World Heritage Committee following the 2008 Expert Meeting on the Heritage of Science and Technology to explore the use of criterion (vi) and associative values. Attended by 26 participants, experts and resource persons from different regions of the world (from 12 countries), as well as by Representatives of IUCN, ICOMOS, ICCROM, and the UNESCO World Heritage Centre. The meeting considered the issue of the recognition of the association of properties with events or living traditions, with ideas, or with beliefs, with artistic or literary works of outstanding universal significance as part of their Outstanding Universal Value.

Focal Point for UNESCO World Heritage in Poland, 2012 – 2020.

Focal Point for the Second Cycle of the Periodic Reporting in Poland, 2012 – 2015.

Representative of Poland at the Expert Workshop on Enhancing the IUCN World Heritage Programme, Vilm, Germany, 2013. The aim of the workshop was to strengthen IUCN's work on the World Heritage Convention during the new IUCN Programme 2013-2016, and specifically IUCN's regional networks, World Commission on Protected Areas (WCPA), and engagement with its partners, including UNESCO, ICCROM and ICOMOS.

Member of the delegation representing Poland in the intergovernmental World Heritage Committee during the 2014-2017 mandate as an expert responsible for the assessment, international enforcement and negotiation of heritage conservation objectives according to international standards.

Member of the Task Force responsible for the organisation of the 41st session of the World Heritage Committee, held in Krakow, Poland, 2017.

Lead of the organisation and implementation of the 1st World Heritage Site Managers Forum, Kraków, Poland 2017, which, initiated at that time by Poland, became a permanent part of the package of events accompanying the Committee's annual sessions.

Member of the Delegation of Poland at the Regional Conservation Forum, organised by the IUCN Rotterdam, the Netherlands, 2019. The main theme of the meeting was the issue of finding ways to counteract the catastrophic loss of the world's natural resources, as an issue that goes far beyond nature conservation and, with its consequences, affects all other spheres of human life. Among the topics discussed at the Forum were issues of sustainable development and the links between

nature conservation and urban planning, which are directly in line with the 2030 Sustainable Development Goals adopted by UNESCO and the World Heritage Convention's synergistic approach to heritage conservation. The workshop part of the meeting included very interesting presentations on, among other things, methods of collaboration with stakeholders and how to develop consensus in a “win-win” system.

Expert of the Delegation of Poland at the World Heritage Committee sessions.

4. Languages

- First language - Polish
- Fluent in spoken and written - English

RENATA KRZYŚCIAK-KOSIŃSKA, PhD

Natural World Heritage Expert

PROFESSIONAL EXPERIENCE

15.04.2024 – Present

Expert on World Heritage Property Białowieża Forest; Ministry of Climate and Environment; Warsaw; Poland

27.04.2022 – 30.06.2024

Expert in the Institute of Environmental Protection – National Research Institute; Warsaw; Poland

11.04.2018 – 31.12.2023

Self-employment LINUM Renata Krzyściak-Kosińska; Nature conservation consultant

01.10.2015 – 10.04.2018

Nature conservation specialist and Nature education specialist; Białowieża Forest District, Białowieża; Poland

1.01.2004 – 31.09.2015

Head of Research and Education Unit; Białowieża National Park; Białowieża; Poland

01.10.1995 – 30.09.2001

Postgraduate doctorate studies at the Jagiellonian University, Faculty of Biology and Earth Sciences. Research carried out in the Institute of Nature Conservation of Polish Academy of Sciences in Krakow, Poland.

Doctoral thesis: Distribution and Density of Tailless Amphibians *Anura* in the Nida Valley".

EDUCATION

2001. PhD in natural sciences. Doctoral thesis: Distribution and Density of Tailless Amphibians *Anura* in the Nida Valley.

01.10.1989 – 21.06.1995

Master studies at the Faculty of Biology and Earth Sciences of the Jagiellonian University, Krakow

EXPERIENCE IN CONSERVATION / MEMBERSHIP

Independent expert to the Secretariat of the Bern Convention in monitoring the European Diploma for Protected Areas.

Member of World Commission on Protected Areas of IUCN

Member of Committee for Cultural World Heritage in Poland

Coordination of works on the re-nomination application to the World Heritage Centre on change of name, boundaries and criteria of inscription on the World Heritage List of the Białowieża Forest. Application was accepted by the World Heritage Committee on June 23, 2014 (2009 – 2014)

Preparation and management of the project „Fostering management of the Białowieża National Park through harmonization of environmental data” financed by EEA grants. The project included monitoring of Natura 2000 habitats (oak-hornbeam forest) and species (selected plants and animals). It also included coordination of inventory of water-related plant communities, plants and animals (2013 – 2015).

Member of the governmental delegation at the World Heritage Committee meeting In New Delhi, India; 2024

Participation in the international conference “*New initiatives from a decade of progress*”
A conference for an action plan to protect and restore wilderness and old growth forest in Europe; 20 – 21.11.2019; Bratislava, Slovakia

Participation in the 18th Congress of European Mycologists, September 2019, Warsaw-Białowieża, Poland

Participation in Woodpecker ecology and conservation – 8th International Woodpecker Conference, March 2019, Białowieża, Poland

Participation in international Dead Wood Meeting in Lammi, Finland and presentation on the Białowieża Forest; 2015, 2016 (with presentations)

Participation in Little Sydney conference in Hainburg, Austria, with presentation at the session: Multiple international protected area designations; 2015

Participation in Forum 2000 Conference. Caring for our Heritage. 2014. Prague. Czech Republic (with presentation)

Member of the governmental delegation at the World Heritage Committee meeting In Doha, Qatar; 2014

Organization of international conference „Nature protection and monitoring – transboundary challenges” within the framework of the project „Fostering management of the Białowieża National Park through harmonization of environmental data” financed by EEA grants; Białowieża 2014

Organisation of Tri-Lateral Summer Academy on Forest Ecology for students from Germany, Poland and Belarus

Organization of the international workshop “Diversity of wood-inhabiting fungi: polypores of the Białowieża Forest”, October 2013, Białowieża, Poland

Participation in the European Congress of Herpetology, 22 – 27.08.2013, Veszprém, Hungary

Organization of the conference „Science – Nature – Man”. Białowieża, 9 – 10 June of 2006. Editing of conference materials;

Representing the Ministry of the Environment at the meeting of Group of Specialist for the European Diploma, Strasbourg, France (2007, 2008, 2009, 2014);

PUBLICATIONS

Holec J., Krzyściak-Kosińska R. et al.; 2019. Macrofungi on fallen oak trunks in the Białowieża Virgin Forest – ecological role of trunk parameters and surrounding vegetation. *CZECH MYCOLOGY* 71(1): 65–89

Krzyściak-Kosińska R. 2018. *Zwierzęta Polski. MULTICO Oficyna Wydawnicza. Warszawa. (Animals of Poland)*

Orłowska M., Krzyściak-Kosińska R. 2017. Diversity of fungus-like organisms and microfungi in various plant communities of Białowieża Forest. *Parki nar. Rez. Przyr.* 36(3) : 3 – 16.

Krzyściak-Kosińska R. 2017. Bison – species saved from extinction. W: *World Heritage. UNESCO Publishing.*

Krzyściak-Kosińska R. 2017. Puszcza Białowieska. W: *Polska Światowe Dziedzictwo UNESCO. Parma Press. (Białowieża Forest. In: Poland - World Heritage)*

Krzyściak-Kosińska R., Wilk-Woźniak E. 2016. (Ed.) *Aquatic ecosystems of the Białowieża National Park. Białowieski Park Narodowy.*

Chomutowska H., Krzyściak-Kosińska R., 2015. Plankton wybranych oczek wodnych Puszczy Białowieskiej / Analysis of plankton present in the water ponds of Białowieża Forest. *Ecological Engineering* 42: 1–9

Krzyściak-Kosińska R. 2014. *Poradnik młodego miłośnika Puszczy Białowieskiej. MULTICO Oficyna Wydawnicza. (Fieldguide for young lovers of the Białowieża Forest)*

Krzyściak-Kosińska R. 2012. Białowieski Park Narodowy - prestiż i zobowiązanie - Czyli co wynika ze statusu Światowego Dziedzictwa i wyróżnienia Europejskim Dyplomem Obszarów Chronionych? *Parki Narodowe i Rezerваты Przyrody.* 31(4):71-87 (Białowieża National Park – prestige and obligation)

Krzyściak-Kosińska R., Kosiński M. 2011. *Polska przyroda. Bosz. Olszanica. (Poland's Nature)*

Krzyściak-Kosińska R. 2011. Belovezhskaya Pushcha / Białowieża Forest World Heritage Site. In: *Adapting to Change. The State of Conservation of World Heritage Forests in 2011. World Heritage Paper Series 30: 74 – 80. Paris*

Krzyściak-Kosińska R. 2009. Białowieża Forest. Buffer Zones in World Heritage: Expert Meeting in Davos, Switzerland, 11th to 14th March 2008. *UNESCO Paper Series. Paris*

LANGUAGES

First language – Polish

Fluent in spoken and written – English

Communication level – French, Russian

Prof. Jerzy SOLON

EDUCATION

2014 - professor of Earth Sciences

2003 - Doctor Habilitatus of Earth Sciences in geography (habilitation thesis: Assessment of landscape diversity on the basis of spatial structure of vegetation).

1988 - doctor of natural sciences in geography (dissertation: Spatial structure of vegetation in the region of the Wigry lakes).

1973-1978 - master's degree: the University of Warsaw, Faculty of Biology - specialization in environmental biology (master's thesis: Some substitute communities of *Potentillo albae*-*Quercetum* in the vicinity of Korytow).

PROFESSIONAL CAREER

Since December 1, 1977 - Institute of Geography and Spatial Organization Polish Academy of Sciences, successively in various positions (trainee, assistant, assistant professor, associate professor, professor)

2002 - 2019 - Higher School of Ecology and Management - lecturer professor

since 1995 - member of the Scientific Council of the Kampinos National Park, since 2005 - chairman

2000 - 2014 - member of the Scientific Council of the Biebrza National Park

2003 - 2015 - deputy chairman of the Ecology Committee of the Polish Academy of Sciences (until the Committee was dissolved)

since 2004 - member of the Scientific Council of Institute of Geography and Spatial Organization of the Polish Academy of Sciences

since 2005 - member of the Scientific Council of the Wigry National Park

2014 - 2016 - member of the State Council for Nature Protection

2015 - 2021 - member of the Scientific Council of the Institute of Agricultural and Forest Environment of the Polish Academy of Sciences (until the liquidation of the Institute)

2015 - 2016 - expert of the Ministry of Environment for world heritage issues

Since July 5, 2023 - Chairman of the Coordinating Council of the biosphere reserve
"Kampinos Forest"

EXPERIENCE AT THE REGIONAL AND INTERNATIONAL LEVEL

Regional level

1991 - 2014 - author/principal author/coordinator of general conservation plans or conservation plans of terrestrial ecosystems for various national parks (including: Kampinos NP, Góry Stołowe NP, Wigry PN, Tuchola Forest NP), landscape parks (Chęcińsko-Kielecki LP)

1991 – author of conservation plans for the communes of Kraśniczyn, Krasnystaw, Łopiennik, Siennica Różana (including analysis, assessment and forecast of vegetation cover).

since 1997 - development of the concept of undergrowth monitoring within the forest health monitoring system - preparation of instructions, training of BULiGL employees, substantive supervision of the conduct of measurements and development of results

since 2000 - development of the concept of forest phytocenoses monitoring within the monitoring system of the Kampinos National Park - preparation of instructions and participation in the development of results

2001 - 2014 - principal author/coordinator of conservation plans or plans of protective tasks of 5 Natura 2000 areas.

and many other expert reports and studies for the purposes of protection policy at the municipal and provincial levels

International level

UNESCO, WORLD HERITAGE COMMITTEE, Thirty-ninth session, Bonn, Germany, 28 June - 8 July 2015. Jako ekspert Ministerstwa Środowiska (as Natural World Heritage Expert of the Ministry of the Environment)

Workshop on Synergies among the Biodiversity-related Conventions, 8 to 11 February 2016, United Nations Office at Geneva, Palais des Nations, Geneva, Switzerland. Organizator ONZ (as Natural World Heritage Expert of the Ministry of the Environment)

1993-1998 - International research project No. PL-FS-108 funded by USDA Forest Service and Environmental Protection Agency, USA: "Effects of atmospheric

deposition and climate change on forest ecosystems in Eastern Europe and the United States"

1998-2002- International research project funded by Environmental Protection Agency, USA "Ecosystems response to climate on a temperate to boreal forest transect"

1998-2001- Research project carried out by IGSO PAS and Michigan State University of Technology, financed by the Maria Skłodowska-Curie Fund II "Patterns of coarse woody debris accumulation and decay on the forest floor of old growth in Białowieża Forest (Eastern Poland) and Hiawatha National Forest (Northern Michigan) - comparative study of protected and managed stands"

1994-1997 - Biodiversity and matter circulation in forest ecosystems situated on the gradient of air pollution in Poland (research project No. GEF 1/93 funded by the U.S. Environmental Protection Agency)

2001-2005 - URBS PANDENS (Urban Sprawl: Sprawl Patterns, Environmental Degradation and Sustainable Development) contract EVK-2001-00052 within the FP5 Key-Action City of Tomorrow and Cultural Heritage.

2003-2005 - Vistula Econet Development and Implementation (VEDI), project PIN-MATRA 2003/028 Funded by Alterra Green World Research

2004-2006 - ESPON project 1.3.3 – The Role and Spatial Effects of Cultural Heritage and Identity.

2004-2007 - Participatory Spatial Planning in Europe, INTERREG IIIC

2005-2009 - Simulating land-use processes - an interactive e-tool for SIA (e-LUP), Specific Targeted Project - 6th Framework Program of the European Commission; contract no. 018519

2006-2007 - Integrated Environmental Impact Assessment of Agricultural Land Management and RD Agri-Env Measures in a Region in Poland Contract No. 381534FISC between IGSO PAS and Joint Research Centre of the European Commission, Institute for Environment and Sustainability

Participation (with a presentation) in more than 50 international conferences, symposia and congresses, of which more than 30 were related to natural resources (recognition, preservation, shaping)

LANGUAGES

First language – Polish

Communication level – English, Russian

MEMBERSHIP IN PROFESSIONAL AND INTERNATIONAL ORGANIZATIONS (IF ANY)

- since 1993 - member of the Board of the Polish Association of Landscape Ecology, including from December 2007 to February 2013 deputy chairman
- since 1993 - member of IALE - International Association of Landscape Ecology

PUBLICATIONS IN THE FIELD OF NATURAL HERITAGE (selection - max. 10)

Overall author/co-author of more than 300 scientific publications. Selected items from the last 10 years:

Affek A., Solon J., Kowalska A., Regulska E., Wolski J., Kołaczowska E. 2024. The potential of Polish forests to provide ecosystem services. *Geographia Polonica* vol. 97, iss. 1, pp. 65-90. doi: <https://doi.org/10.7163/GPol.0269>

Solon J., Otręba A., Andrzejewska A., Zaniewski P.T. 2021. Zmiany składu gatunkowego i wskaźników struktury zbiorowisk roślinnych w latach 2001-2018 na wybranych powierzchniach stałych w Kampinoskim Parku Narodowym (Changes in species composition and indicators of plant community structure in 2001-2018 on selected permanent plots in Kampinos National Park). *Przegląd Geograficzny*, 93, 3, s. 413-443. <https://doi.org/10.7163/PrzG.2021.3.5>

Pomianowski W., Solon J. 2020. Modelling patch mosaic connectivity and ecological corridors with GraphScape. *Environmental Modelling & Software*, Volume 134, December 2020, 104757. <https://doi.org/10.1016/j.envsoft.2020.104757>

Solon J. 2020. Directions of historical landscape changes – fragmentation and consolidation of forests in the years 1800-2000 within the Masuria-Kurpie borderland. in: Matuszkiewicz J.M. (ed.), *Forest Cover Changes and Landscape Sustainability – A Retrospective Study in Cultural Borderland*, p. 178-245. Institute of Geography and Spatial Organisation PAS, Warsaw. <https://doi.org/10.7163/eK.2020.1>

Affek A., Degórski M., Wolski J., Solon J., Kowalska A., Roo-Zielińska E., Grabińska B., Kruczkowska B., 2020, *Ecosystem service potentials and their indicators in postglacial landscapes: Assessment and mapping*, Elsevier, Amsterdam (The Netherlands); Oxford (United Kingdom); Cambridge (United States), 392 s.

Solon J., Borzyszkowski J., Bidłasik M., Richling A., Badora K., Balon J., Brzezińska-Wójcik T., Chabudziński Ł., Dobrowolski R., Grzegorzczak I., Jodłowski M., Kistowski M., Kot R., Krąż P., Lechnio J., Macias A., Majchrowska A., Malinowska

E., Migoń P., Myga-Piątek U., Nita J., Papińska E., Rodzik J., Strzyż M., Terpiłowski S., Ziaja W., 2018, Physico-geographical mesoregions of Poland: Verification and adjustment of boundaries on the basis of contemporary spatial data, *Geographia Polonica*, 91, 2 s. 143-170.

Kowalska A., Matuszkiewicz J.M., Solon J., Kozłowska A. 2017. Indicators of ancient forests in nutrient-deficient pine habitats. *Silva Fennica* vol. 51 no. 1 article id 1684. 18 p. <https://doi.org/10.14214/sf.1684>

Kruczkowska B., Solon J., Wolski J. 2017. Mapping ecosystem services – a new regional-scale approach. *Geographia Polonica* vol. 90, iss. 4, pp. 503-520.

Śleszyński P., Solon J. 2017. A map of the landscape diversity of Poland. *Geographia Polonica* 90.3.:369-377.

Solon Jerzy 2015,: Selected fragments of road corridors as environmental barriers. - *Europa XXI* 28 - s. 92-118.