Distr.: General
9 October 2023

Original: English

Thirty-third Meeting of States Parties to the United Nations Convention on the Law of the Sea
New York, 28 November 2023 **(resumed)**

Complete curriculum vitae of the candidate nominated by a State party for the election of two members of the Commission on the Limits of the Continental Shelf

Note by the Secretary-General

Introduction

The Secretary-General hereby submits to the Meeting of States Parties to the United Nations Convention on the Law of the Sea the statement of qualifications and curriculum vitae of the candidate nominated by a State party for the election of two members of the Commission on the Limits of the Continental Shelf.

Tomczak, Michał (Poland)

Statement of qualifications

Dr. Michał Tomczak is an expert in the field of marine geology.

Mr Michał Tomczak holds a Ph.D. in Oceanology from the Faculty of Geosciences, University of Szczecin (2017) as well as an M.Sc. (2008). He completed postgraduate studies in the field of Research and Development Manager. Currently a Chief Expert in Geology at the Polish Geological Institute – National Research Institute, where he coordinates the project related to the exploration of massive sulphides in the Mid-Atlantic Ridge, based on the International Seabed Authority license.

He gained experience working internationally at different research institutes conducting and leading projects on marine geology and environmental change. He has practical experience from research cruises in the Atlantic and Pacific, as well as land expeditions in Southeast Asia.

The professional experience of Dr. Michał Tomczak complements his activities as a Polish representative to the Coordinating Committee for Geoscience Programs in East and Southeast Asia (CCOP) and a member of the Polish delegation to the International Seabed Authority (Session 27th and 28th), a member of EuroGeoSurveys Marine Geology Expert Group (MGEG), and member of European Commission expert group *European Innovation Partnership (EIP) on Raw Materials. Contractor to international research projects related to critical minerals and seabed exploration*.

The Government of the Republic of Poland is convinced that, if elected, Dr. Michał Tomczak, with his experience and qualifications in geology and management, will significantly contribute to the works of the Commission.

The Government of the Republic of Poland, therefore, has the honor to kindly request that the State Parties to UNCLOS lend their valuable support to Dr. Michał Tomczak in the election for CLCS membership during the resumed thirty-third Meeting of State Parties to the Convention.

Personal information:

Gender:	Male
Year of Birth:	1984
Place of birth:	Gorzów Wielkopolski, Poland
Academic expertise:	Marine geology
Employer:	Polish Geological Institute - National Research Institute
Languages:	Polish (native); English

Academic Qualifications:

2017 Ph.D. of Earth Sciences in the discipline: Oceanology (Thesis: Paleoenvironmental reconstruction in the north-western South China Sea over the last 140 000 years: a multi-proxy approach) Institute of Marine Sciences, Faculty of Geosciences, University of Szczecin, Poland.

2014 Postgraduate as Manager of Research and Development, Academy of Economics and Innovation, Lublin, Poland

2008 M. Sc. in the field of Geography, specialization: Marine Geography (Thesis: Environmental changes in the Baltic Sea during the Holocene based on diatomological analysis of the sediment core from the Gotland Basin. Institute of Marine Sciences, Faculty of Natural Sciences, University of Szczecin, Poland.

Professional experience:

2018 – Senior marine geologist at the Polish Geological Institute – National Research Institute. Project manager for exploration of seafloor massive sulphides (SMS) within the Polish contracted Area in the Mid-Atlantic Ridge (ISA)

2019 – 2020 Assistant Professor, course: Marine Geology, Institute of Marine Sciences, University of Szczecin, Poland

2017 – 2019 Project coordinator (PostDoc), International project ERES: Evolution of the 'Hainan Delta' as a response to paleoenvironment since Late Pleistocene in SCS (NCN: 2016/21/B/ST10/02939). University of Szczecin, Poland

2013 – 2016 Project coordinator, research project GESHAD: Genesis and Structure of Hainan Delta funded by the Key Laboratory of Marine Mineral Resources, Ministry of Land and Resources (KLMMR-2013-C001), Guangzhou, China;

2012 – 2015 Project coordinator, PI, Polish - Chinese project SECEB: Sedimentary Environment and Climate Evolution of the Beibu Gulf, South China Sea (NCN: 2011/01/N/ ST10/0770) University of Szczecin, Poland;

2011 – 2012 Project contractor, International project GenerationBALT – linking maritime education with changing labour market, funded by the EU. University of Szczecin, Poland;

2009 – 2010 Project contractor German-Chinese project BEIBU -Holocene environmental evolution and anthropogenic impact of Beibu Gulf, South

China Sea (BMBF 03F0607A). Institute for Baltic Sea Research (IOW) Warnemünde, Germany.

Research fellowships/internships/visits:

2008 - 2019	Leibniz Institute for Baltic Sea Research (IOW), Warnemünde, Germany;
2010 - 2019	Guangzhou Marine Geological Survey (GMGS), Guangzhou, China;
2012	MARUM - Center for Marine Environmental Sciences, University of Bremen, Germany;
2010	Third Institute of Oceanography (Xiamen, China);
2008	Polish Geological Institute, Szczecin, Poland;
2008	Royal Netherlands Institute for Sea Research (NIOZ), Texel, Netherlands;
2007	Alfred Wegener Institute for Polar and Marine Research (AWI), Bremerhaven, Germany.

Professional Activities:

2022, 2023	Member of the Polish delegation to the International Seabed Authority (Session 27th and 28th);
2021 -	Representative of Poland to Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP). Representative of Poland to the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP);
2020 -	Member of the European Commission's operational Expert Group on the European Innovation Partnership on Raw Materials;
2019 -	Member of the Marine Geology Expert Group (MGEG), EuroGeoSurveys.

Awards:

2022	Award of the Director of the Polish Geological Institute - National Research Institute for exceptional dedication and commitment to duty.
2022	"West Pomeranian Nobel Prize 2021" in the category of marine science (team prize) for research on sedimentary evolution of the Hainan Paleo-Delta (South China Sea).
2018	Award of the Rector of the University of Szczecin for scientific achievements (Szczecin, 2018).
2009	The distinction of the Director of the Polish Geological Institute in Szczecin for activity and involvement in promoting knowledge, scientific achievements, and contribution to the Institute's development.

Selected Publications (2018-2022):

Kaiser J., Moros M., Tomczak M., Dellwig O., Schulz-Bull D., Arz H.,2018. First appearance of the invasive diatom Pseudosolenia calcar-avis and specific C25 isoprenoid lipids as a time marker in Black Sea sediments. Geology, e 2018; v. 46; no. 6; p. 507–510;

Jinpeng Zhang, Andrzej Witkowski, Michał Tomczak, Kevin McCartney, Gaowen He, Izabela Zgłobicka. Diatomaceous ooze in a sedimentary core from Mariana Trench: implications for paleoceanography. Acta Geologica Polonica, Vol. 69 (2019), No. 4, pp. 627–643.

C.L. Van Dover, A. Colaço, P.C. Collins, P. Croot, A. Metaxas, B.J. Murton, A. Swaddling, R.E. Boschen-Rose, J. Carlsson, L. Cuyvers, T. Fukushima, A. Gartman, R. Kennedy, C. Kriete, N.C. Mestre, T. Molodtsova, A. Myhrvold, E. Pelleter, S.O. Popoola, P.-Y. Qian, J. Sarrazin, R. Sharma, Y.J. Suh, J.B. Sylvan, C. Tao, M. Tomczak, J. Vermilye. Research is needed to inform environmental management of hydrothermally inactive and extinct polymetallic sulfide (PMS) deposits, Marine Policy, Volume 121, 2020, 104183, ISSN 0308-597X.

Zhang, J., Tomczak, M., Witkowski, A., Li, C., Chen, C., McCartney, K., Marine diatom response to oceanographic and climatic changes in the NW South China Sea since the penultimate glacial interval, Journal of Asian Earth Sciences, Vol. 204, 2020, 104553.

Sobczyk, A., Borówka, R.K., Badura, J., Stachowicz-Rybka, R., Tomkowiak, J., Hrynowiecka, A., Tomczak, M., Sławińska, J., Pitura, M., Lamentowicz, M., Kołaczek, P., Karpińska-Kołaczek, M., Tarnawski, D., Kadej, M., Moska, P., Krąpiec, M., Stachowicz, K., Bieniek, B., Siedlik, K., Bąk, M., van der Made, J., Kotowski, A. and Stefaniak, K. (2020), Geology, stratigraphy and palaeoenvironmental evolution of the Stephanorhinus kirchbergensis-bearing Quaternary palaeolake(s) of Gorzów Wielkopolski (NW Poland, Central Europe). Journal of Quaternary Science, 35: 539-558.

Jinpeng Zhang, Michał Tomczak, Andrzej Witkowski, Kai Liang, Jan Harff, Chao Li, Bing Wang, 2021. A diatom-based Holocene record of sedimentary and oceanographic environmental changes within the Beibu Gulf, NW South China Sea. Marine Geology, Vol. 432:106395 .

Jinpeng Zhang; Michał Tomczak; Chao Li; Andrzej Witkowski; Shun Li; Yang Zhou; Jakub Miluch, 2021. Paleo-ecological changes and sedimentary evolution of the Hainan Delta, NW South China Sea. Journal of Asian Earth Sciences, Vol. 209: 104685.

Zhang J, Witkowski A, Tomczak M, Li C, McCartney K, Xia Z. 2022. The sub-fossil diatom distribution in the Beibu Gulf (northwest South China Sea) and related environmental interpretation. PeerJ 10:e13115.

Jinpeng Zhang, Michal Tomczak, Andrzej Witkowski, Xia Zhen, Chao Li. 2022. A fossil diatom-based reconstruction of sea-level changes for the Late Pleistocene and Holocene period in the NW South China Sea. Oceanologia ISSN 0078-3234.