

PUBLICATION REPORT

Number of project contract	Pol-Nor/197025/37/2013	Acronym	BARITECH
Project title	Integrated technology for improved energy balance and reduced greenhouse gas emissions at municipal wastewater treatment plants		

D1. PEER-REVIEWED PUBLICATIONS							
No.	Title	Authors	Name of journal	IF	Date of: submission/ acceptance/ publication	Joint publication (YES/NO)	Link to the publication /reference
1	<p>Skojarzone wytwarzanie nośników energii przez urządzenia zasilane biogazem i gazem ziemnym na tle wybranych układów technologicznych oczyszczalni ścieków</p> <p>(English title: <i>Combined heat and power generation by biogas and natural gas driven plants against a background of the selected wastewater treatment plant technologies</i>)</p>	Zaborowska E.	INSTAL	-	2014	NO	-
2.	Cultivation Parameters Adjustment for Effective Algal Biomass Production	Karło A., Wilk A., Ziemiańska-Buczyńska A., Surmacz-Górska J.	Annual Set The Environmental Protection	0.808	10.09.2014/ 07.04.2015/ 28.05.2015	NO	https://www.google.pl/url?sa=t&rc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwJL8pLq1ojUAhUEK1AKHRr7BBgQFggpMAA&url=http%3A%2F%2Fros.edu.pl%2Fimages%2Froczniki%2F2015%2F017_ROS_V17_R2015.pdf&usg=AFQjCNGI4BuGM90jh4mV0tXNKI1keqHZFw&sig2=-

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3.	The adjustment of granular sludge DNA isolation for PCR-based methods	Ziemińska-Buczyńska A., Kociolek B. Ślipko K., Daniłowicz A., Cema G., Surmacz-Górska J	Architecture Civil Engineering Environment	WoS	14.01.2015/ 5.03.2015/	NO	http://acee-journal.pl/1,7,35,Issues.html
4.	Wykorzystanie procesu częściowej nityfikacji Anammox w oczyszczaniu ścieków – doświadczenia w Politechnice Śląskiej	Cema G., Surmacz-Górska J., Gutwiński P., Ziemińska-Buczyńska A., Płonka L., Tomaszewski M	Gaz Woda I Technika Sanitarna, 2016, DOI: 10.15199/17 .2016.12.7.	-	12.2016	NO	-
5.	Biogas from microalgae: Review on microalgae's cultivation, harvesting and pretreatment for anaerobic digestion	Jankowska E., Ashish K. Sahub, Oleskowicz-Popiel P.	Renewable and Sustainable Energy Reviews 75 (2017) 692– 709	6.798	Received 22.10.2015; Received in revised form 10.10.2016; Accepted 4 11.2016 Published 2017	YES	http://dx.doi.org/10.1016/j.rser.2016.11.045
6.	Praktyczne zalety technologii anammox w układzie z dwoma reaktorami	Jaroszyński L.	Gaz Woda I Technika Sanitarna	-	2017	NO	-
7.	Strategies for Achieving Energy Neutrality in Biological Nutrient Removal Systems – a Case Study of the Slupsk WWTP (northern Poland).	Zaborowska E., Czerwionka K., Makinia J.	Water Science and Technology	1.34	2017	NO	DOI: 10.2166/ws t.2016.564

D2. OTHER PUBLICATIONS						
No.	Title	Authors	Name of source	Date of publication	Joint publication (YES/NO)	Link to the publication / reference
1.	Application of multistage treatment wetlands as a buffer for effluent from Anammox treatment for reject water from centrifugation.	Obarska-Pempkowiak H., Gajewska M., Wojciechowska E.	Conference Proceedings of 14th IWA International Conference on Wetland Systems for water pollution Control. Shanghai, October, 12 - 16, 2014	2014	NO	-
2.	Integrated technology for improved energy balance and reduced greenhouse gas emissions at municipal wastewater treatment plants	Oleskowicz-Popiel P., Jankowska E., Jaroszynski L., Jaroszynski T., Sozanski M.M., Cema G., Surmacz-Górska J., Szatkowska B., Paulsrud B., Tuszynska A., Gajewska M., Wojciechowska E., Zaborowska E., Czerwionka K., Obarska-Pempkowiak H., Makinia J.	Conference Proceedings of 2nd IWA Specialized International Conference ecoSTP2014, Verona, Italy, 23-27 June 2014	2014	YES	-
3.	Impact of enhanced pretreatment on biological nutrient removal in municipal wastewater treatment plants	Czerwionka K., Szyszko M., Tuszyńska A., Mąkinia J.	Conference Proceedings of IWA Specialist Conference Nutrient Removal and Recovery: moving innovation into practice: 18-21.05.2015 Gdańsk	2015	NO	-
4.	Continuous Flow Two-Reactor Configuration as a Powerful Tool for Stable and Robust Partial Nitritation – Anammox Process for Nitrogen Removal from Reject Waters	Jaroszyński L., Jaroszyński T.	Conference Proceedings of 12th IWA Specialised Conference on Design, Operation and Economics of Large Wastewater Treatment Plants. September 6 – 9, 2015 Prague, Czech Republic	2015	NO	-
5.	Algae Process as an Anammox Effluent Post Treatment Method for Nitrogen and Phosphorus Removal Along with	Jaroszyński L., Jaroszyński T.	Conference Proceedings of 12th IWA Specialised Conference on Design, Operation and Economics of Large	2015	NO	-

	Additional Algae-Biomass Generation for Anaerobic Digestion Process		Wastewater Treatment Plants. September 6 – 9, 2015 Prague, Czech Republic			
6.	Wpływ strącania wstępnego polimerem organicznym na szybkość denitryfikacji.	Szysko M.	Interdyscyplinarne zagadnienia w inżynierii i ochronie środowiska. Tom 5, Wrocław 2015, 436-446	2015	NO	-
7.	Three Years of Experience in Pilot Scale Two-Reactor Configuration for Partial Nitritation - Anammox Process	Jaroszynski L., Jaroszynski T.	Conference Proceedings: 89th Annual Water Environment Federation Technical Exhibition and Conference (WEFTEC 2016) New Orleans, 24 to 28 Sept. 2016	2016	NO	-