

Curriculum Vitae

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WYKSZTAŁCENIE

Podypłomowe studia w zakresie *Prawa i Funduszy Unii Europejskiej*, Politechnika Gdańska, Wydział Zarządzania i Ekonomii, Polska, **2007-2008**

Doktorat

(<http://www.diva-portal.org/kth/theses/abstract.xsql?dbid=4462>), projekt: *Usuwanie azotu ze strumieni o wysokim stężeniu azotu amonowego*, Wydział *Inżynierii Środowiska*, Królewska Politechnika w Sztokholmie (KTH), Szwecja, **2002-2007**

Zaawansowany kurs *biotechnologii środowiskowej*, Politechnika w Delft, Holandia, **06.2004**

Mgr inż. systemów ochrony środowiska

Wydział *Chemiczny*, Politechnika Gdańska, Polska, **1995-2001**

PREZENTACJE NA MIĘDZYNARODOWYCH KONFERENCJACH

05.2006 Moskwa, IWA Specialized conference „*Sustainable sludge management: state of the art, challenges and perspectives*”

05.2006 Singapur, 3rd Biennial International Young Researchers Conference

09.2004 Marrakech, “*4th IWA World Water Congress and Exhibition*”

01.2004 Ghent, “*EU 5th framework IcoN Symposium: Anammox: new sustainable N-removal from waste water*”

JĘZYKI

angielski – znajomość bardzo dobra

szwedzki – znajomość podstawowa

PUBLIKACJE

- Szatkowska, B.**, Cema, G., Plaza, E., Trela, J. and Hultman, B. (2007). One-stage system with partial nitrification and Anammox processes in moving-bed biofilm reactor. *Water Science and Technology*, 55(8-9), 19-26.
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- Szatkowska, B.**, Plaza, E., Trela, J., Hultman, B. and Bosander, J. (2006). Combined partial nitrification and Anammox biofilm system as a sustainable solution for supernatant treatment. *Water Practice and Technology*, 2(1), doi10.2166/wpt.2007.0005.
- Trela, J., Hultman, B., Plaza, E., **Szatkowska, B.**, Cema G., Gut L. and Bosander, J. (2006). "Framtagande av underlag för dimensionering, drift och processövervakning av deammonifikation vid kommunala avloppsverk" Stockholm, 2006, VA-FORSK Delrapport, Projekt nr 25-103 (in Swedish).
- Cema, G., **Szatkowska, B.**, Plaza, E., Trela, J. and Surmacz-Górska, J.(2006). Nitrogen removal rates at a technical-scale pilot plant with the one-stage partial nitrification/Anammox process. *Wat. Sci. Tech.* 54(8), 209-217.
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- Szatkowska, B.**, Trela, J. and Plaza, E. (2005). Partial nitrification/Anammox and CANON - Nitrogen removal systems followed by conductivity measurements. In: *Integration and optimisation of urban sanitation systems, Joint Polish-Swedish Reports, No 13*. Royal Institute of Technology, Stockholm, 2005 (in press).
- Trela J., Plaza E., Gut L., **Szatkowska B.**, Hultman B. and Bosander J. (2005). *Deammonifikation som en ny process för behandling av avloppsströmmar med hög kvävehalt – fortsatta pilot-plant experiment*. Stockholm, 2005, VA-FORSK Delrapport, Projekt nr 2005-14 (in Swedish).
- Szatkowska, B.**, Plaza, E., Trela, J. and Comber, A. (2005). Evaluation of factors influencing Anammox process In: *Integration and optimisation of urban sanitation systems, Joint Polish-Swedish Reports, No 12*. Royal Institute of Technology, Stockholm, 2005 (in press).
- Szatkowska, B.** (2004). *Treatment of ammonium-rich wastewater by partial nitrification/Anammox in a biofilm system*. Royal Institute of Technology, Stockholm. TRITA-LWR.LIC 2023 (licentiate thesis).
- Szatkowska, B.**, Plaza, E. and Trela, J. (2004). Conductivity measurements as a tool for monitoring the ammonium removal process. In: Proceedings of the "EU 5th framework IcoN Symposium: Anammox: new sustainable N-removal from waste water", Ghent, Belgium, 21-23 January 2004.
- Trela, J., Plaza, E., **Szatkowska, B.**, Hultman, B., Bosander, J. and Dahlberg, A-G. (2004). Swedish experience with combined nitrification and anammox: pilot plant experiments. In: Proceedings of the "EU 5th framework IcoN Symposium: Anammox: new sustainable N-removal from waste water", Ghent, Belgium, 21-23 January 2004.
- Trela, J., Plaza, E., **Szatkowska, B.**, Hultman, B., Bosander, J. and Dahlberg, A. G. (2004). Pilot-plant experiments with combined nitrification and anaerobic ammonium oxidation (Anammox) in biofilm system. In: Proceedings of the "4th IWA World Water Congress and Exhibition", Marrakech, 19-24 September 2004.
- Szatkowska, B.**, Plaza, E. and Trela, J. (2004). Nitrogen removal rates in the deammonification process: batch experiments. In: Proceedings of the "4th IWA World Water Congress and Exhibition", Marrakech, 19-24 September 2004.
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- Trela, J., Plaza, E., **Szatkowska, B.**, Hultman, B., Bosander, J. and Dahlberg, A. G. (2004). Deammonification as a new process for treatment of wastewater with high nitrogen content. *Vatten* 60(2), pp. 119-127 (in Swedish).
- Plaza, E., Trela, J., Löwén, M., **Szatkowska, B.** and Gut, L. (2003). *Nitrogen removal from ammonium rich waste streams with low content of biodegradable organic matter*. ÅFORSK, Final Report, Project 01-41.
- Szatkowska, B.**, Plaza, E. and Trela, J. (2003). Preliminary studies on deammonification process kinetics. In: *Integration and optimisation of urban sanitation systems, Joint Polish-Swedish Reports, No. 10*. TRITA-LWR REPORT 3004, pp.89 – 97, Gdansk, Poland, March 23-25.
- Plaza, E., Trela, J., Gut, L., Löwén, M. and **Szatkowska, B.** (2003). Deammonification process for treatment of ammonium rich wastewater. In: *Integration and optimisation of urban sanitation systems, Joint Polish-Swedish Reports, No. 10*. TRITA-LWR REPORT 3004, pp.77 - 87, Gdansk, Poland, March 23-25.
- Szatkowska, B.**, Plaza, E., Trela, J. and Bąkowska, A. (2003). Influence of dissolved oxygen concentration on deammonification process performance. In: *Integration and optimisation of urban sanitation systems, Joint Polish-Swedish Reports, No 11*. Royal Institute of Technology, Stockholm, 2003, TRITA-LWR.REPORT 3007-SE, pp. 121-132.