

*Master Program in Environmental Science and Sustainable Development with Focus on Water Management for Uzbekistan Higher Education – UZWATER*

## **Programme of the Study Visit to KTH with Focus on Master Thesis Work**

**22 - 26 April 2013, Stockholm**

**Host: Division of Industrial Ecology (DoIE), KTH Royal Institute of Technology, Teknikringen 34, 100 44 Stockholm**

<b>Monday 22 April</b>		
<b>Time</b>	<b>Activity</b>	<b>Speaker/Coordinator</b>
14.30	Opening the programme	
14.30-14.40	Welcome by representatives from KTH & DoIE	LJ, VK & BF
14.40-14.50	Introduction to Uzbek Delegates and Universities	AG (coordinator)
14.50-15.30	<u>Lecture 1</u> : Introduction to Sweden, the Swedish Educational System and KTH	BF
15.30-15.40	Coffee break	
15.40-17.00	<u>Lecture 2</u> : Environmental management systems and approaches	ME
<b>Tuesday 23 April</b>		
<b>Time</b>	<b>Activity</b>	<b>Speaker/Coordinator</b>
09.00-09.15	<u>Lecture 3</u> : Introduction to the Division of Industrial Ecology and the Master Programme in Sustainable Technology	XS
09.15-10.15	<u>Lecture 4</u> : The EU approach to environmental work (focusing on the DPSIR framework)	XS
10.15-10.30	Coffee break	
10.30-12.00	<u>Lecture 5</u> : Environmental and water management in Uzbekistan	AG
12.00-13.00	Lunch	
13.00-17.00	<u>Field visit 1</u> : Högbytorp (Waste recycling and disposal) <a href="http://www.ragnsells.se/Vad-vi-gor/Nagra-av-vara-anlaggningar/StockholmHogbytorp/">http://www.ragnsells.se/Vad-vi-gor/Nagra-av-vara-anlaggningar/StockholmHogbytorp/</a>	



<b>Wednesday 24 April</b>		
<b>Time</b>	<b>Activity</b>	<b>Speaker/Coordinator</b>
09.00-10.50	<u>Lecture 6</u> : Routine for M.Sc. thesis work at the DoIE, KTH	XS
10.50-11.00	Coffee break	
11.00-12.30	<u>Lecture 7</u> : Routine for M.Sc. thesis work at the selected Uzbek Universities/Departments	AG (coordinator)
12.30-14.00	Lunch	
14.00-15.10	<u>Workshop 1</u> : How to plan, advise and examine a Master Thesis	BF (coordinator) & JP (Graduate student)
15.10-15.20	Coffee break	
15.20-17.00	<u>Lecture 8</u> : Cleaner Production with emphasis on water conservation – examples from Swedish industry	POP
<b>Thursday 25 April</b>		
<b>Time</b>	<b>Activity</b>	<b>Speaker/Coordinator</b>
09.00-10.20	<u>Lecture 9</u> : Experiences from international education cooperation programmes	OK
10.20-10.30	Coffee break	
10.30-12.00	<u>Lecture 10</u> : Industrial Ecology as an approach to sustainability and environmental work	BF
12.00-13.00	Lunch	
13.00-17.00	<u>Field visit 2</u> : The K äppala Wastewater Treatment Plant <a href="http://www.kappala.se">www.kappala.se</a>	
17:00-18:00	<u>Workshop 2</u> : Brainstorming activity to draw lessons learned from the study visit as well as collect ideas for improvement and new activities	BF (coordinator)
18.30-21:00	Social Dinner	
<b>Friday 26 April</b>		
<b>Time</b>	<b>Activity</b>	<b>Speaker/Coordinator</b>
09.00-11.00	<u>Lecture 11</u> : Swedish Aral Sea Society – Vision and Activities	GB
11.00-11.10	Coffee break	
11.10-12.00	<u>Workshop 3</u> : Principles of developing M.Sc. thesis topics from a broader systems perspective	GB, LR & XS (coordinators)
12.00-13.00	Discussion about the forthcoming events in the UZWATER project	LR (coordinator)
13.00	Closing the programme	

Main speakers:

- LJ – Lennart Johansson, Senior Project Manager, KTH International Relations Office
- VK – Victor Kordas, Project Manager, KTH International Relations Office
- BF – Björn Frostell, Ph.D., Assoc. Professor, DoIE, KTH
- XS – Xingqiang Song, Ph.D., Researcher, DoIE, KTH
- ME – Magnus Enell, Ph.D., Adjunct Professor at KTH & Senior Advisor at Vattenfall AB
- AG – Abror Gadaev, Ph.D., Assoc. Professor, Samarkand State Architectural and Civil Engineering Institute, Uzbekistan
- JP – Joseph Santhi Pechsiri, PhD candidate, DoIE, KTH
- POP – Per Olof Persson, Senior Lecture, DoIE, KTH
- OK – Olga Kordas, Ph.D., Senior Researcher, DoIE, KTH
- GB – Gunilla Björklund, Ph.D., Head of Swedish Aral Sea Society
- LR – Lars Ryden, Ph.D., Professor, Uppsala University