

Pictures by Matleena Muhonen



... here we will see what is the program all about and introducing members who were involved during the whole project, this includes AALTO university students, CCI and Journalist students from UDSM.

3. Direct to the program (Documentary) – It aims to explore all activities which were going on during the project, and use some related interviews (Insights and Vlogs)

Also the documentary will be supported with Sound track and Voice Over to support the

Sustainable Global Technologies | SGT

Cross-disciplinary learning together



Sustainable Global Technologies Programme

Professor

Olli Varis

vice dean, water engineering

Coordinator

Matleena Muhonen

landscape architect, lecturer

Assistant

Elina Lehikoinen

researcher, water engineering

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31.10.2016

Creative
Sustainability

Sustainable Global Technologies | SGT



SGT programme runs a set of cross-disciplinary courses that look at the diverse connections between ***sustainability and technology in global development***. Student projects highlight environmental, social and cultural aspects of sustainable development.

www.sgtprogramme.fi

- Started in 2007 as a result of UN-HABITAT partner university initiative
- Master's level minor studies (17 cr)
 - Creative Sustainability Master's*
 - Water and Environmental Engineering Master's*
- Background courses for Cities in Transition architecture studio and interdisciplinary SGT studios

Sustainable Global Technologies | SGT



SGT COURSES 2016-2017

PERIOD I

Yhd-12.3081 State of the World and Development (2 cr)

PERIOD II

WAT-E2060 Sustainable Built Environment (5 cr)

Replaces Yhd-12.3086 Sustainable Global Technologies, changing course

Replaces ARK-E5503 Cities in Transition - Research & Theory

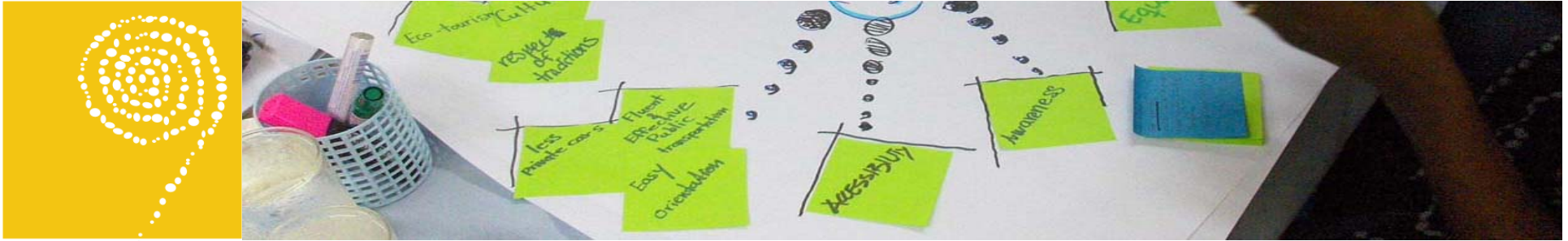


PERIOD III-V (Spring)

WAT-E2070 Sustainable Global Technologies (SGT) Studio (10 cr)

OR

ARK-E5504 Cities in Transition, Studio (10cr)



WAT-E2060 Sustainable Built Environment (5 cr)

Replaces ARK-E5503 Cities in Transition – Research and Theory

Replaces Yhd-12.3086 and Yhd-12.3088 SGT, changing course

Period II

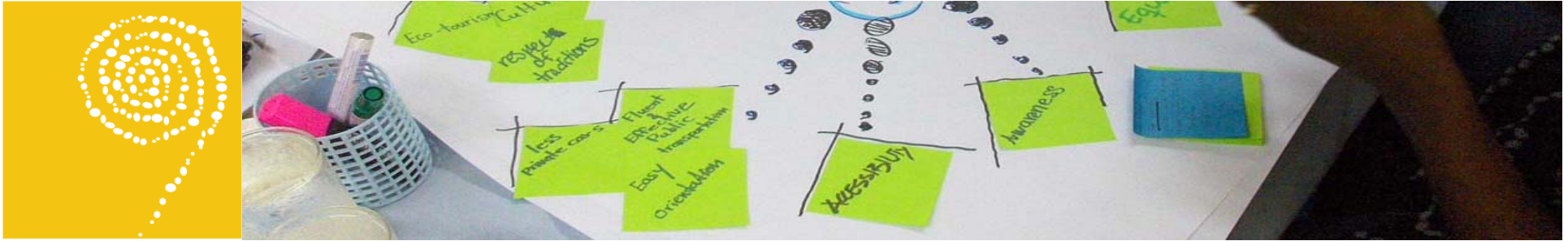
Lectures: MON 14-16 (Hall E) & WED 9-12 (DF Studio)

Requirements: 80% attendance, diary, group work presentations & Yhd-12.3081

Registration: WebOodi

- Preparing for studio projects in the spring
- Guest lecturers from different universities and organizations:

MyCourses: <https://mycourses.aalto.fi/course/view.php?id=15012>



WAT-E2060 Sustainable Built Environment (5 cr)

Programme 31 Oct – 7 Dec

Waste & Sanitation (lectures & role play workshop)

Johanna Laaksonen & Kagiri

Sustainable Building Materials (case presentations)

Komitu Architects, Casagrande Laboratory, TBC

Energy Solutions (lecture & workshop) – Jukka Paatero, Venkata Bandi

Natural Hazards, risks and vulnerability (lecture) – Philipp Schmidt-Thomé

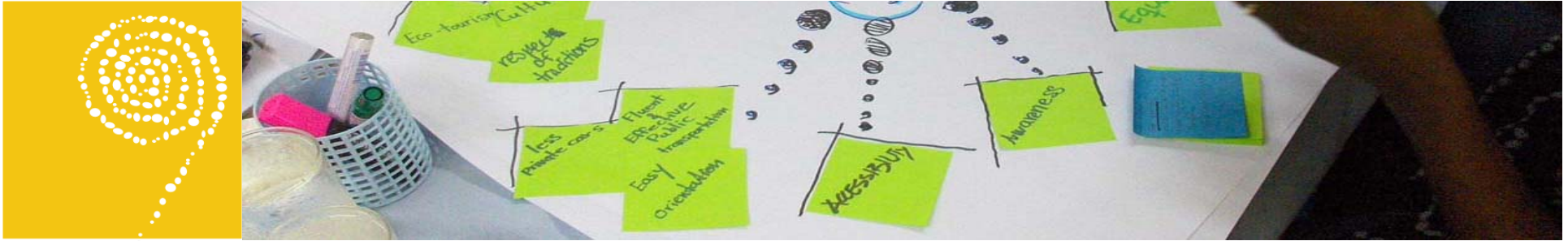
Humanitarian construction (workshop) – Kristjana Adalgeirsdottir

Informal settlements, housing rights (lecture & workshop) – Bidemi Coker

What is true? (lecture) – Journalist Rauli Virtanen

Interpretation of sustainability (case presentation & workshop)

Oliver Schütte & Marije van Lidth

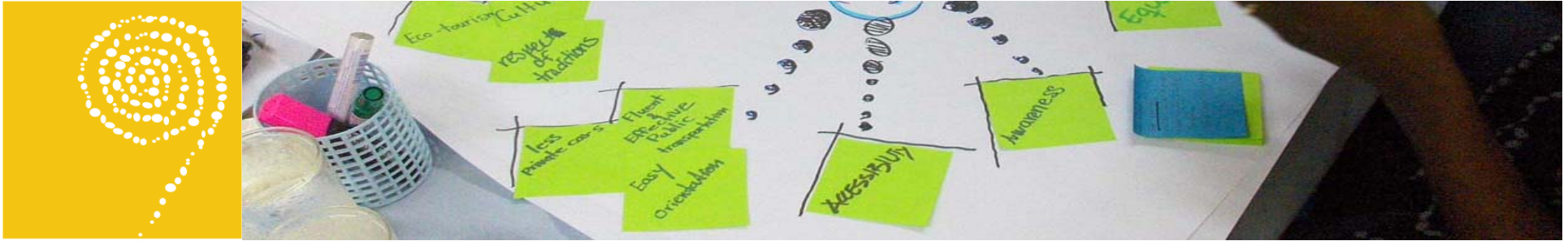


WAT-E2060 Sustainable Built Environment (5 cr)

Assignments

1. *GLOSSARY [Nov 7]*
2. *DIARY [throughout the course]*
 - Diary 0: Introductions [Nov 7]***
 - Diary 1: Waste & Sanitation [Nov 9]*
 - Diary 2: Energy [Nov 21]*
 - Diary 3: Natural hazards & humanitarian construction [Nov 28]*
 - Diary 4: Informal settlements, housing rights [Dec 7]*
 - Diary 5: Critical final comment: Interpretation of sustainability [Dec 14]*
 - + 1 reply to someone else's diary!***

Your activity in writing diary will be followed throughout the course and will effect to final grading!



WAT-E2060 Sustainable Built Environment (5 cr)

Assessment (1-5)

80 % attendance on lectures and workshops, you can miss 2 without compensatory assignment

Activity in workshops

Quality and punctuality of diary entries



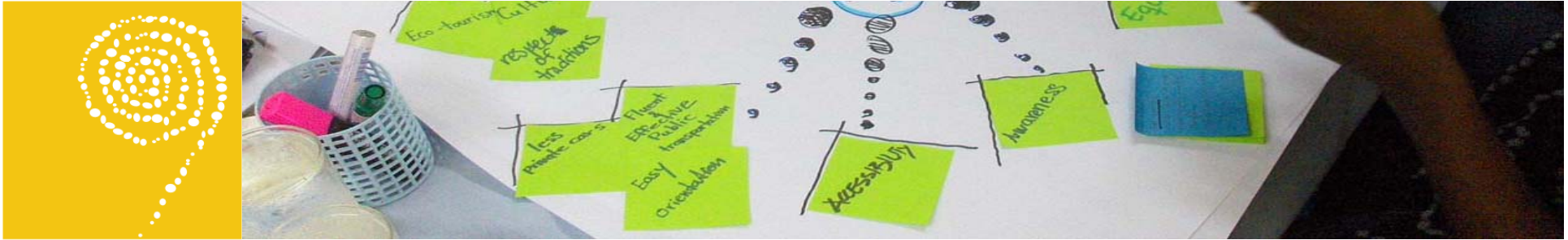
Thank you!
See you soon again!

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Aalto
LAB /
Mexico

Jan Ahlstedt



WAT-E2070 Sustainable Global Technologies Studio (10 cr)

Periods III – V (Spring)

Real cases, group work, lectures, discussions, workshops and project management

- International project management; planning, implementation, budgeting
- Collaboration with different organizations
- 4-6 real-life projects around the world, cross-disciplinary teams

