



ACCELERATING THE IMPLEMENTATION OF SUSTAINABLE DEVELOPMENT IN THE CURRICULUM

Stockholm, Sweden 10th-11th September 2019

PROGRAMME

VENUE

The Symposium will be held at KTH Biblioteket, Osquars backe 31, 114 28 Stockholm, Sweden

PROGRAMME

Day 1- 10th September 2019

08:30-09:15- Arrival and registration

09:15-09:30- Welcome Remarks and Aims of the Event

Session 1- Chair: Walter Leal

09:30-09:50- **Evaluation of integration of sustainable development in higher education in Sweden**

Göran Finnveden, Göran Carstedt, Eva Friman, Sofia Lundberg, Anna Mogren, Henrietta Palmer, Barbro Robertsson, Håkan Rodhe, Per Sund, and Linn Svärd, KTH, Sweden

09:50-10:10- **Sustainable Development Goals: new skills for engineering students tackling global sustainability challenges**

Silvia Hostettler, Emanuela Colombo, Mark L. Talesnick, Guido Zolezzi, EPFL, Switzerland

10:10-10:30- **Integrating Entrepreneurial Experiences with Sustainable Development Education**

Håkan Burden & Frances Sprei, Chalmers & RISE Viktoria, Sweden

10:30-11:00- Break and visit to posters

Session 2- Chair: Arminda do Paço

11:00-11:20 **Campus Bizia Lab: A University of the Basque Country Programme aimed at working towards sustainability via a transdisciplinary approach based on cooperation**

Estibaliz Saez de Camara, University of the Basque Country (UPV/EHU), Spain

11:20-11:40- **Advancing sustainability across the curriculum: A case study of one university's efforts to formalize and adopt institution-wide sustainability competencies**

Vanessa R. Levesque, Cameron Wake, University of New Hampshire, USA

11:40-12:00- **Disciplinary Identity as a Barrier to Integrating Sustainability in Computing Education**

Anne-Kathrin Peters, Daniel Pargman and Elina Eriksson, KTH Royal Institute of Technology, Sweden

12:00-12:20- **Sustainable Development Course Design: Solutions from Transdisciplinary Perspective**

Eglė Staniškienė, Živilė Stankevičiūtė, Asta Daunorienė, Joana Ramanauskaitė, Kaunas University of Technology, Lithuania

12:20-12:40- **Way of small farmer: Engaging undergraduate students in campus farm practice and fostering campus-community interaction for promoting sustainable agriculture**
Chi-I Lin, National Sun Yat-sen University, Taiwan

12:40-13:00- Discussion

13:00-14:00- Lunch and visit to posters

Session 3- Chair: Göran Finnveden

14:00-14:20- **What do University Students Know about SDGs? Implications for its Integration in the Curriculum**
Arminda do Paço and Ulisses Azeiteiro, University of Beira Interior, Portugal

14:20-14:40- **Teaching economics to promote sustainability**
Madhavi Venkatesan, Northeastern University, USA

14:40-15:00- **Participation of Students in the Research Project Valorbio: A Case Study to Accelerate the Implementation of Sustainable Development Principles in the Curriculum**
Dina M. R. Mateus, Henrique J. O. Pinho, Isabel M. D. P. Nogueira, Manuel A. N. H. Rosa, Marco A. M. Cartaxo and Valentim M. B. Nunes, Instituto Politécnico de Tomar, Portugal

15:00-15:20 - **Using courses on empirical research methods as a means to teach students sustainable development – a three-phase model for a transformative learning experience**
Patrick Müller, Thomas Bäumer, Jan Silberer, Stefan Zimmermann, Hochschule für Technik Stuttgart - University of Applied Sciences, Germany

15:20-15:30- Discussion

15:30-16:00- Break and visit to posters

16:00-17:30- **Workshop: Board games and webtool for efficiently integrating sustainable development in courses and education programs** (Organiser: Jon-Erik Dahlin, Snowflake Education, Sweden)

18:00- Reception

Day 2- 11th September 2019

Session 4- Chair: Jurgis Kazimieras Staniškis

09:00-09:20- **Sustainable Social Work: Placing Natural Environment into Social Work Curriculum**

Somnoma Valerie Ouedraogo, Grant MacEwan University, Canada

09:20-09:40- **The Implementation of the SD programs for management curriculum: the experience of Plekhanov Russian University of Economics**

Siarhei Zenchanka, Nikolai Gorbachev, Fernanda Frankenberger, Amanda Lange Salvia, Minsk Branch of Plekhanov Russian University of Economics, Belarus

09:40-10:00- **Sustainable Development in Higher Education – What Sustainability Skills do Industry Need?**

Göran Finnveden, André Schneider, KTH, Sweden

10:00-10:20- **Teaching Digital natives to acquire competences for Sustainable development**

Llorenç Bagur-Femenías, Marian Buil-Fabregà and Juan Pedro Aznar, Barcelona School of Management, Universitat Pompeu Fabra, ESADE Business and Law School, Spain

10:20-10:30- Discussion

10:30-11:00- Break and visit to posters

Session 5- Chair: Violeta Orlovic Lovren

11:00-11:20- **Framework for bottom-up integration of sustainable development in engineering educations**

Anders Rosén, Hans Havtun, Helena Lennholm, KTH Royal Institute of Technology, Sweden

11:20-11:40- **Catalysing Environmentalism within Social Work Curriculum**

Komalsingh Rambaree, University of Gävle, Sweden

11:40-12:00- **Self-Assessment for Developing Sustainability Competencies: Lessons Learned**

Merlina Missimer, Jayne Bryant, James Ayers, Blekinge Institute of Technology, Sweden

12:00-12:20- **Towards Education for Flourishing. A multidisciplinary, multinational, distance peer feedback session**

Francesca Ostuzzi and Maya Hoveskog, Ghent University and Halmstad University, Belgium and Sweden

12:20-12:40- **Safety management module to create social sustainability skills**

Hans Liwång, KTH Royal Institute of Technology, Sweden

12:40- 13:00- Discussion

13:00-14:00- Lunch and visit to posters

Session 6- Chair: Marian Buil-Fabregà

14:00-14:20- **Transforming University Management towards Sustainability**

Jurgis Kazimieras Staniškis, Kaunas University of Technology, Lithuania

14:20-14:40- **Reflections on the learning objectives for sustainable development in the higher education curricula – three cases from the University of Belgrade**

Violeta Orlovic Lovren, Marija Maruna and Svetlana Stanarevic, University of Belgrade, Serbia

14:40-15:00- **International Online Module CSR (BA) – Strategy, Management and Consumer Behaviour**

Marie Brechbühler Pešková¹, Sabine Hoffmann², Iris Humala³, Martin Wenke, Bern University of Applied Sciences, Switzerland; HAMK University of Applied Sciences, Finland; Niederrhein University of Applied Sciences, Germany

15:00-15:20- **Curriculum integration of sustainability in engineering education – a national study of programme director perspectives**

Jon-Erik Dahlin and Ola Leifler, Snowflake Education and University of Linköping, Sweden

15:20-15:40- **Transitioning from Teaching Canonical Engineering to Sustainable Development**

Håkan Burden, University of Gothenburg, Sweden

15:40-16:00- Break and visit to posters

16:00-16:30- **Final Session, Follow-Up and Best Paper Awards**

Walter Leal, European School of Sustainability Science and Research, HAW Hamburg, Germany



POSTERS

Role of sustainable development goals (SDG) in Environmental Engineering MSc level courses

Marja Palmroth and Hannele Auvinen, Tampere University, Finland

Reading Circles for Peer Learning on a Sustainable Development Course

Hannele Auvinen and Marja Palmroth, Tampere University, Finland

Framework for bottom-up integration of sustainable development in engineering educations

Anders Rosén, Hans Havtun, Helena Lennholm, KTH Royal Institute of Technology, Sweden

The European School of Sustainability Science and Research

Walter Leal and Nico Ulmer, European School of Sustainability Science and Research, HAW Hamburg, Germany

