Investigating effects and possible success factors of ESD implementation in the Swedish school system

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Large National Swedish study investigating ESD-implementation at:

• School leader level
• Teacher level
• Student level (outcomes and experiences)
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- School leader level
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Sustainability Consciousness Questionnaire

SCQ-S
Sustainable development

- Environmental
- Social
- Economic
Environmental consciousness

Knowledge → Attitudes → Behaviors

Cognitive

Environmental consciousness

Behavioral

Affective

(e.g. Ajzen, 1991: Ajzen & Fishbein, 1980; Hines et al 1986)

(e.g. Jiménez Sanchez & Lafuente, 2010; Kollmuss & Agyeman, 2002; Jensen & Schnack, 1997)
Sustainability Consciousness (SC)

K: Knowingness
A: Attitudes
B: Behaviors

(UNESCO, 2006; Jiménez Sanchez & Lafuente, 2010; Kollmuss & Agyeman, 2002: ”Environmental consciousness”; Jensen & Schnack, 1997; ”The theory of environmental action competence”)
### Sustainability Consciousness Questionnaire

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Sustainability consciousness
Example items

• Preserving the variety of living creatures is necessary for sustainable development (preserving biological diversity) (ENV K)

• I think that companies in rich countries should give employees in poor nations the same conditions as in rich countries (ECO A)

• I treat everyone with the same respect, even if they have another cultural background than mine (SOC B)
Environmental Citizenship

- Collective actions
  - achieving sustainability
  - solving environmental problems
  - preventing environmental problems
  - exercising environmental rights & duties
  - addressing structural causes of environmental degradation & problems

- Individual actions
  - promoting inter- & intra-generational justice
  - achieving critical & active engagement & civic participation

- Private sphere
  - developing healthy relationship with nature

- Public sphere
Environmental Citizenship
Publications


Publications


• **Berglund, T., & N. Gericke, N. (2016).** Separated and integrated perspectives on environmental, economic, and social dimensions – an investigation of student views on sustainable development. Environmental Education Research, 22, (8), 1115–1138, DOI: 10.1080/13504622.2015.1063589


• **Boeve-de Pauw, J. Gericke, N., Olsson, D., & Berglund, T. (2015).** The Effectiveness of Education for Sustainable Development. Sustainability, 7, 15693-15717. DOI:10.3390/su71115693

Education for Sustainable Development: 
A Longitudinal Implementation Study

New ongoing project in Karlstad