Teaching CS to All: Sustainability Implications

Mapping the Problem Space

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Capitalism

“Mainstream environmentalism has not had to confront how maintaining its own class privilege contributes to and maintains environmental and social problems\textsuperscript{1}

Capitalism reorders the environment for surplus extraction

Patriarchy

The conceived duality between man and nature

Sustainability

Ambiguity around the term “sustainability”

“[S]ystem change actions resulting in restorative socio-ecological transformation\textsuperscript{2}

Sustainability of teaching resources

CS for All

Education and computing are leverage disciplines

More diverse perspectives on technology

Computational thinking and literacy

How do we foster ecological, epistemological and ontological diversity?

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Can academics speak for the world’s poor and dispossessed?

Whose voices are being heard?

What/whose histories are missing from the story?

What are we willing to sacrifice?

How am I implicated in the problem?

Imperialism

Sustainable development and neo-colonialism

Crisis narratives are limiting

“Framings of a common good perpetuate a colonial point of view deeply engrained in the Western academy\textsuperscript{4}

Colonialism

“Civilization’ is defined as production in excess of the ‘natural world’\textsuperscript{3}

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