

Marie will discuss education for sustainable development in relation to STEM and place-based learning in early years. Previous and ongoing research projects will serve as examples of how:

- children's use of Augmented Reality technology in different local places can help their learning about the sustainable development goals.
- puppets can be used during interviews with children about their view of, and connection to, nature.
- children's movie-making about a science phenomenon on computer tablets can promote their learning in STEM.

**Marie Fridberg is Associate Professor in Science Education at Kristianstad University in Sweden. She is a preschool teacher with a PhD in Medical Science and teaches science and digital technology at the Preschool Teacher Programme. She is deputy dean of the Faculty of Education and research leader of the Research platform Learning in Cooperation, at Kristianstad University. Marie's research interest involves children's and teachers' communication about science and education for sustainable development.*