

Dynamics in Microbial Composition and Functionality over a Season in Two Contrasting Estuarine Systems - DTU Orbit (08/11/2017)

Dynamics in Microbial Composition and Functionality over a Season in Two Contrasting Estuarine Systems

In aquatic microbial ecology it remains unclear how bacterial community composition and dynamics are coupled to functionality, and whether this putative coupling varies over the season. In this study we address the questions if bacterial community composition can be linked to community function, and how this coupling is affected by environmental conditions during a season. Surface samples were obtained monthly from two estuaries of contrasting nutrient richness and hydrography.

General information

State: Published

Organisations: Department of Systems Biology, Bacterial Ecophysiology and Biotechnology, University of Copenhagen, TÜBİTAK Marmara Research Center, Aarhus University

Authors: Traving, S. (Ekstern), Bentzon-Tilia, M. (Intern), Mantikci, M. (Ekstern), Knudsen-Leerbeck, H. (Ekstern), Hansen, J. L. S. (Ekstern), Markager, S. (Ekstern), Riemann, L. (Ekstern)

Pages: 64-65

Publication date: 2015

Host publication information

Title of host publication: The Danish Microbiological Society Annual Congress 2015 : Programme & Abstracts

Place of publication: Copenhagen

Main Research Area: Technical/natural sciences

Conference: The Danish Microbiological Society Annual Congress 2015, Copenhagen, Denmark, 09/11/2015 - 09/11/2015

Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015