

Introducing Life Cycle Assessment in Costs and Benefits Analysis of Vegetation Management in Drainage Canals of Lowland Agricultural Landscapes

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Supplementary Materials

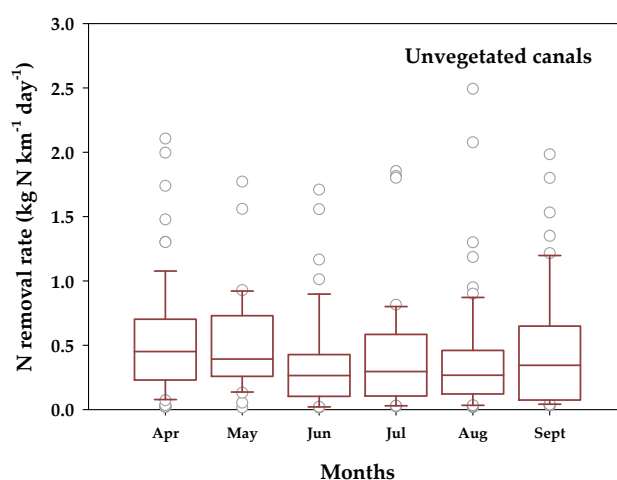


Figure S1. Daily rates of denitrification calculated for unvegetated canal sediments of the Burana-Volano-Navigabile watershed by applying the model proposed by Christensen et al. (1990) [41]. Box and Whisker plots include the predicted rates for 15 stations located on the canal network of the Ferrara province and belonging to the official surface water monitoring network of the Emilia-Romagna Regional Agency for the Environmental Protection. Central horizontal line in the box is the median, top and bottom boxes are 25th and 75th percentiles, and whiskers are 10th and 90th percentiles. Outliers are showed as open circles.

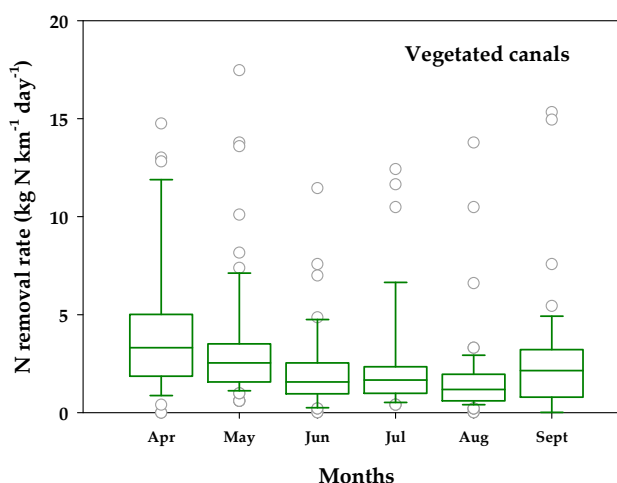


Figure S2. Daily rates of denitrification calculated for vegetated canal sediments of the Burana-Volano-Navigabile watershed by applying the experimental relationship reported by Soana et al. (2019) [6]. Box and Whisker plots include the predicted rates for 15 stations located on the canal network of the Ferrara province and belonging to the official surface water monitoring network of the Emilia-Romagna Regional Agency for the Environmental Protection. Central horizontal line in the box is the median, top and bottom boxes are 25th and 75th percentiles, and whiskers are 10th and 90th percentiles. Outliers are showed as open circles.

See the main text for the references cited in the figure captions.