

Location of the experimental site in Bourgneuf Bay (Atlantic coast, France) on a false-colour infrared composite (SPOT 7 image acquired on 12<sup>th</sup> September 2015). Red microphytobenthic biofilms are observable on the lower part of the intertidal mudflat.

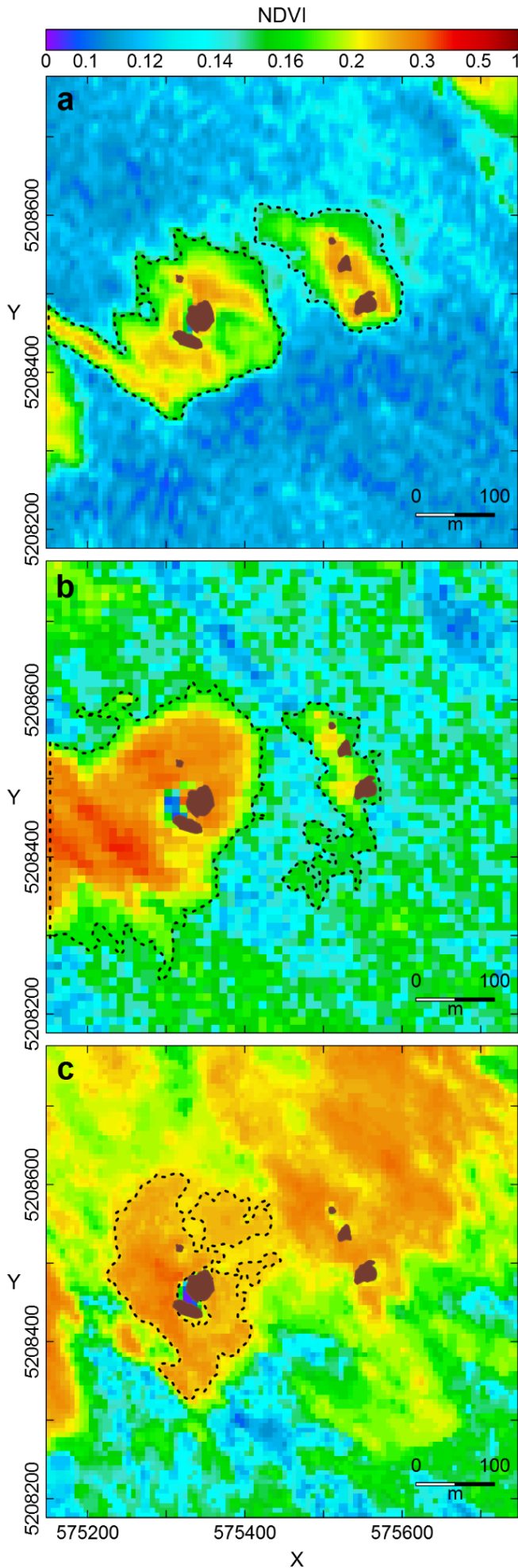




View of the experimental site with oysters colonizing the impacted reef in the foreground, and the control reef visible at the background.



Photography acquired on September 2014, two months after the burning, showing open shells of dead oysters on the impacted reef.



NDVI maps highlighting the microphytobenthos patches (dashed lines) around the control reef (left) and the impacted reef (right) showing the temporal evolution of their spatial structure before and after the BACI experiment: a) 11 months before the BACI experiment (SPOT 6 image acquired on 20<sup>th</sup> August 2013), b) 3 months after the experiment (SPOT 5 image acquired on 9<sup>th</sup> October 2014), and c) 13 months after the experiment (SPOT 7 image acquired on 17<sup>th</sup> August 2015). No well-defined spatial structure could be identified around the impacted reef from July to September 2015.