



Sediment transport pattern at the Barra Nova inlet, south Portugal: a conceptual model

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R��sum�� en anglais	The Barra Nova inlet, in south Portugal, is known to migrate progressively southeastwards under wave action. The morphodynamics of this system during a representative year suggests that this long-term evolution is dependent on a seasonal behavior of the tidal inlet which can be described through a three-stage model of post-storm, transition and extended fair-weather conditions. Processes involved in this evolution indicate that the historical migration of the Barra Nova is not dependent on the longshore drift forcing constricting the channel on the updrift coast, but rather on the adjustment of the system to a major erosion of the downdrift coast during short storm events.
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Liens

[1] [http://okina.univ-angers.fr/publications?f\[author\]=6687](http://okina.univ-angers.fr/publications?f[author]=6687)

[2] <http://okina.univ-angers.fr/he.ho/publications>

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