

**« New perspectives on global environmental
images »**

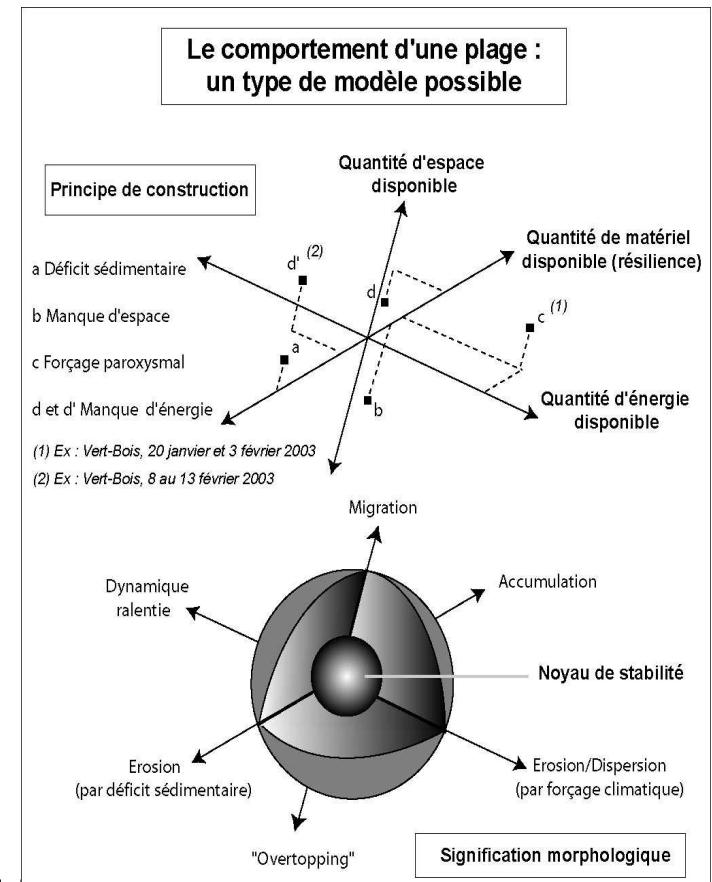
Coastal landscape as a part of global ocean : two shifts

Herve Regnault
Université Rennes 2 UMR LETG et IUF

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Thanks for inviting me

- from a local coastline (seen as an image) to a global process (seen as a graph)

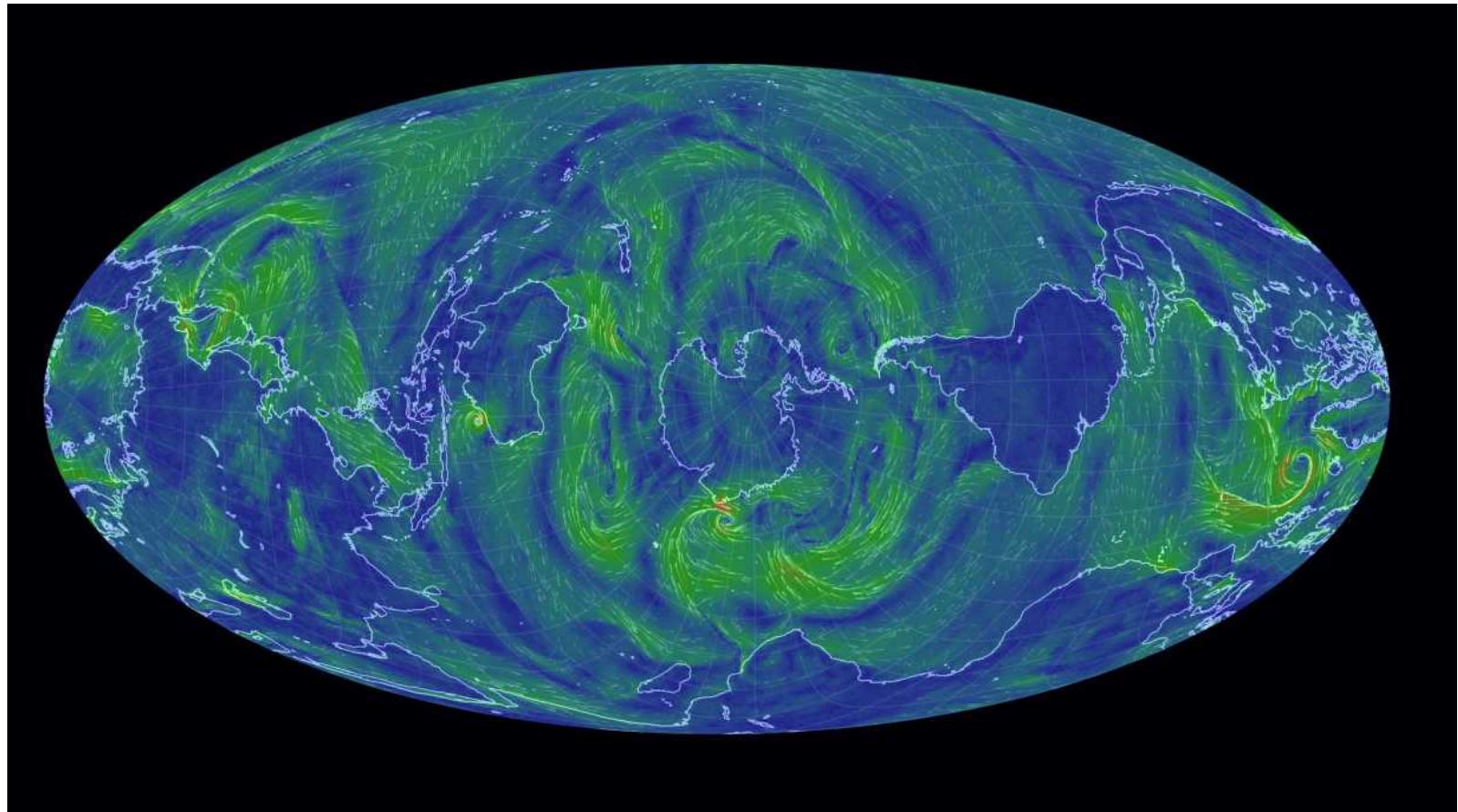


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Outline of the talk

- **The importance of images in the slow building of a global ocean.**
- From Alexander von Humboldt to Marie Tharp
- **Images promote local coastlines**
- Marine charts, Preraphaelide painters and tourism
- **Three key new images for a global coastline, the relative sea level , the sedimentary cell, the accomodation space.**
- Models, videos and installations

1-Images for a global ocean



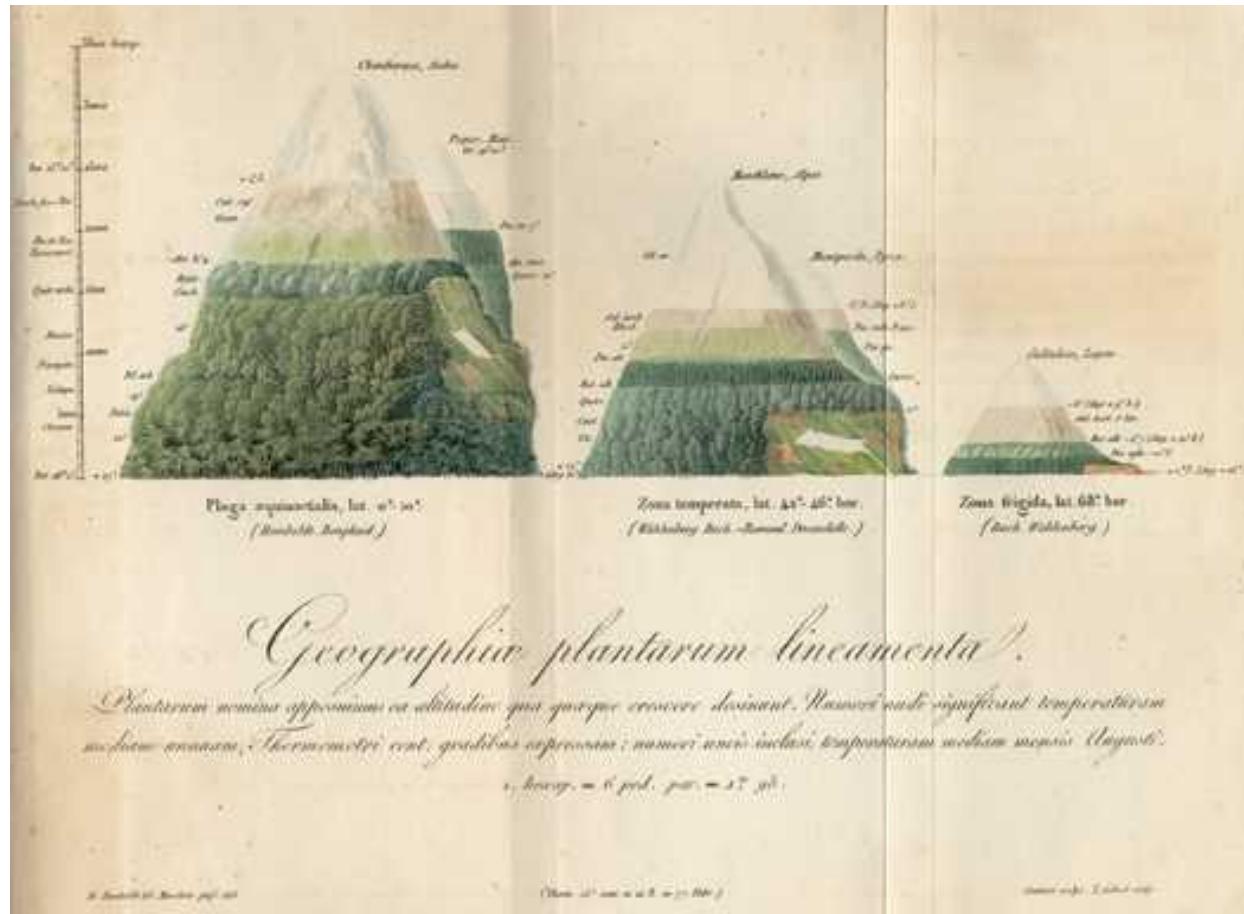
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Kant's geography



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Humboldt's geography : some data and some organisation

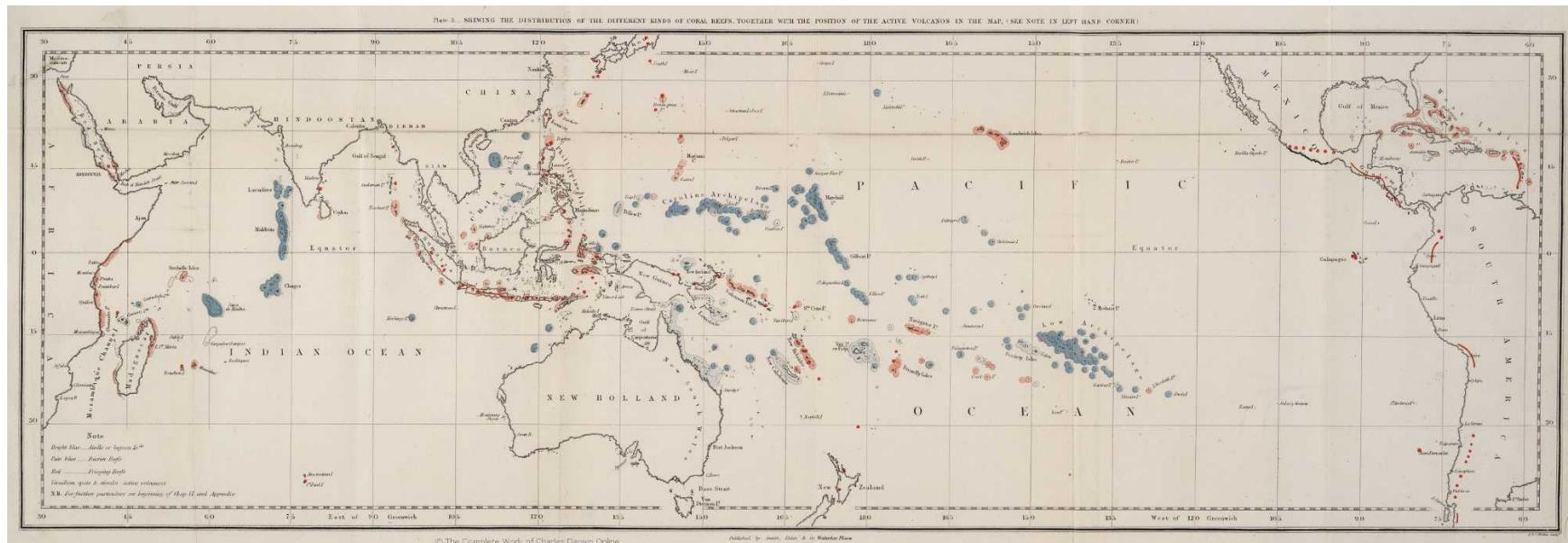


And some « theoretical » view



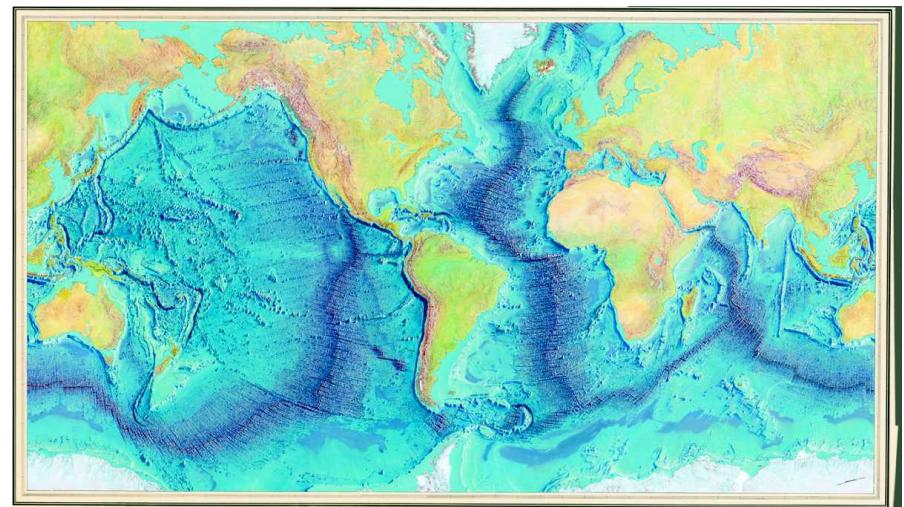
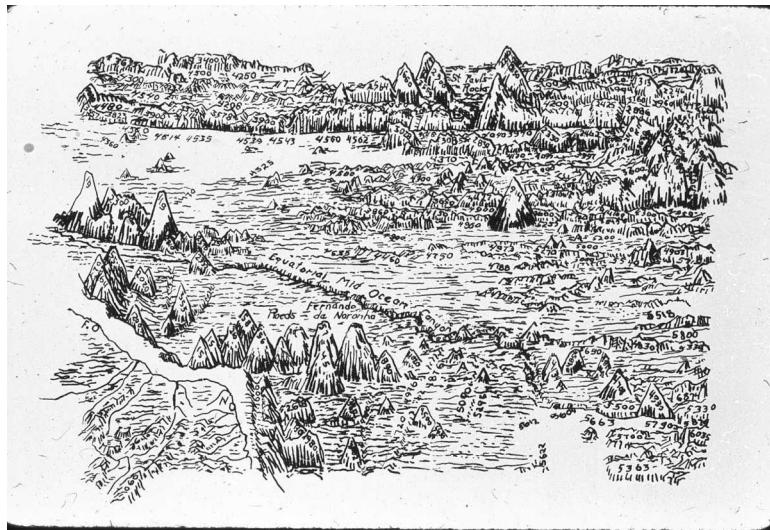
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Darwin...from a geological process to a geographical map



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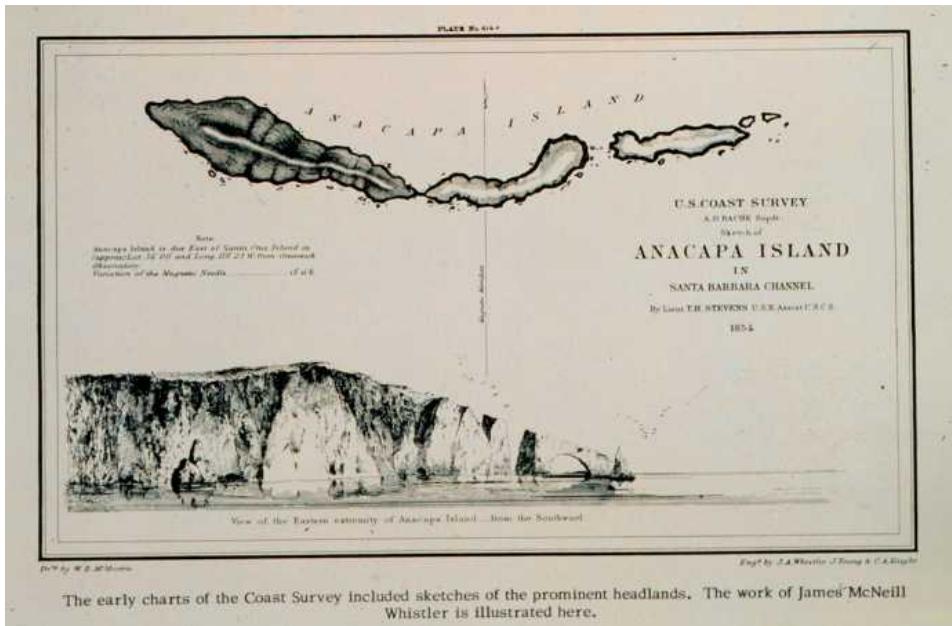
Images and gender in global science?



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2-Local images and local coasts

- Local places as a political issue (1) : maps for the navy



- Political issue (2) : the landscape of « France »



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Eléments supprimés
■

Espaces retractés
►►►

Changements imputables à l'évolution du paysage
érosion du versant
construction du pont
Changements imputables au moment de la prise vue
niveau de la mer

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Images for painters



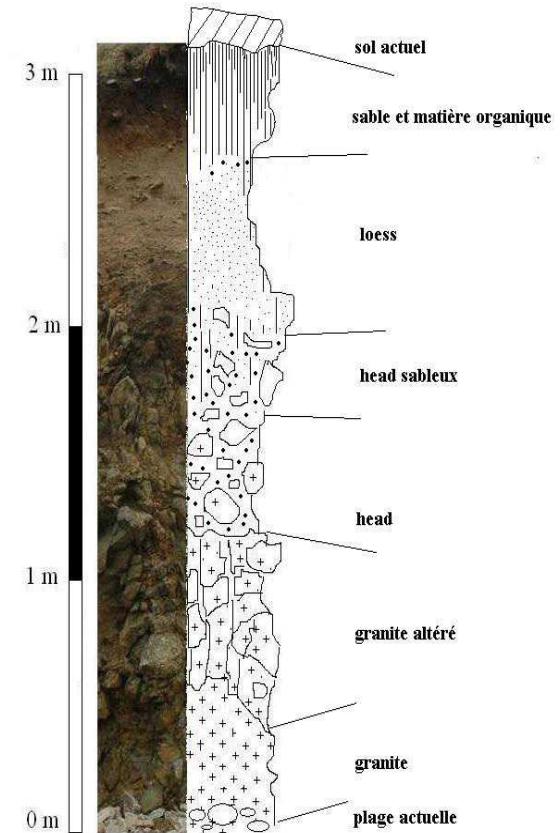
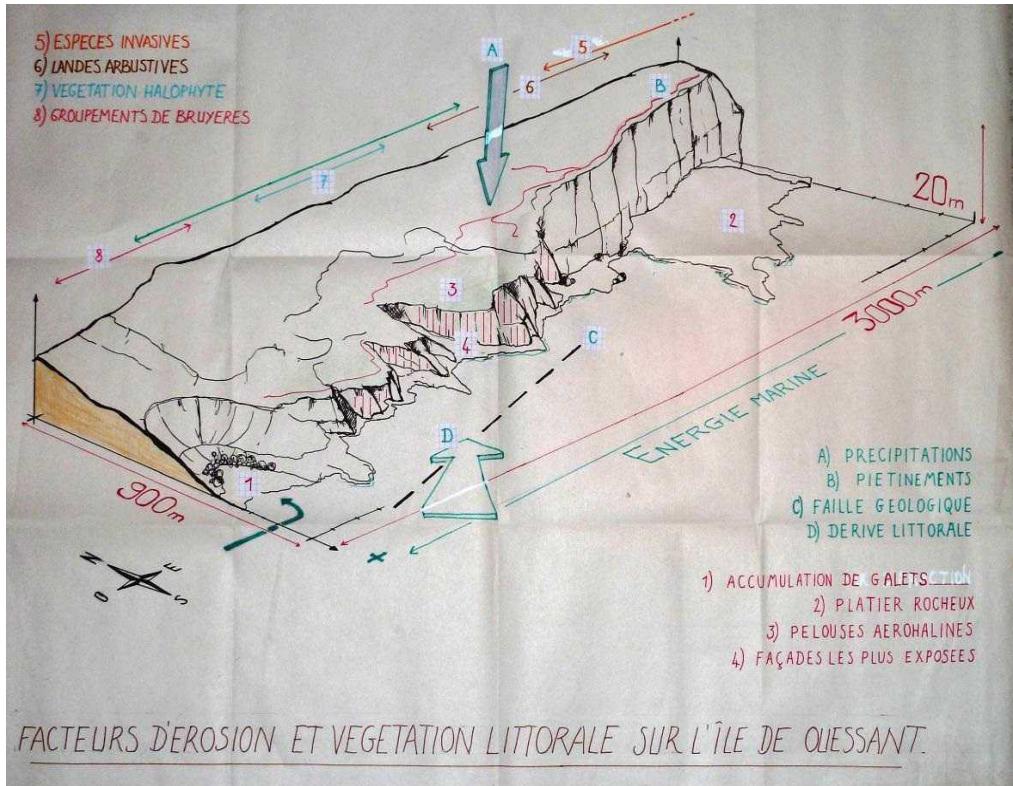
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Images for tourists



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Images by geographers



And typologies



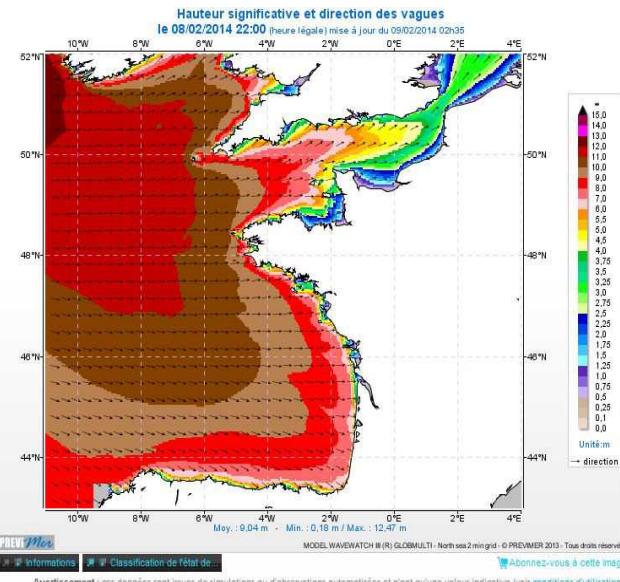
Figure 1-1. Location of localities in the Dune Act with jurisdictional and non-jurisdictional localities noted.

Dune Classification System			
I. Natural	II. Man Influenced	III. Manmade	
A. Exposure: fetch	II. Man Influenced	E. Relative Stability	
1. Riverine, Bay Influenced	1. Riverine, Bay Influenced	1. Stable	
2. Open Bay	2. Open Bay	2. Accretionary	
3. Riverine	3. Riverine	3. Land Transgressive/Erosional	
B. Shore Orientation (faces)		F. Geologic Underpinnings	
1. North	5. South	1. Marsh	
2. Northeast	6. Southwest	2. Upland	
3. East	7. West		
4. Southeast	8. Northwest		
C. Nearshore Gradient (to the 6 ft contour)		G. Structure/Fill	
1. 0 to 1,000 ft	1. Extensive Bars	1. Groin	
2. 1,000 to 3,000 ft	2. No Bars	2. Revetment/Bulkhead	
3. >3,000 ft		3. Breakwater	
D. Morphologic Setting		4. Jetty	
1. Isolated <500 ft alongshore		5. Beach Fill	
1. Pocket			
2. Linear			
3. Shallow Bay			
4. Salient			
2. Creek Mouth Barrier/Spit			
3. Spit			
4. Dune Field >500 ft alongshore			
1. Pocket			
2. Linear			
3. Shallow Bay (curvilinear)			
4. Salient (point)			

Figure 1-2. Classification system for Chesapeake Bay dune systems.

Local images are useful

They can enhance the site specific approaches which are the only possible ones for coastal management



- They have a marketing impact which helps at creating wealth

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Marketing and preservation go together and mobilize cultural issues



3- A global coastline

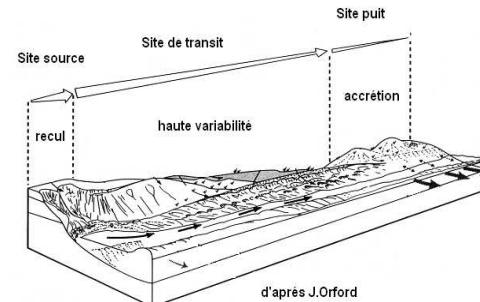
- Sea level movements
 - Sedimentary movements
 - Accommodation space
-
- New cultural/ aesthetical issues

Sea level changes



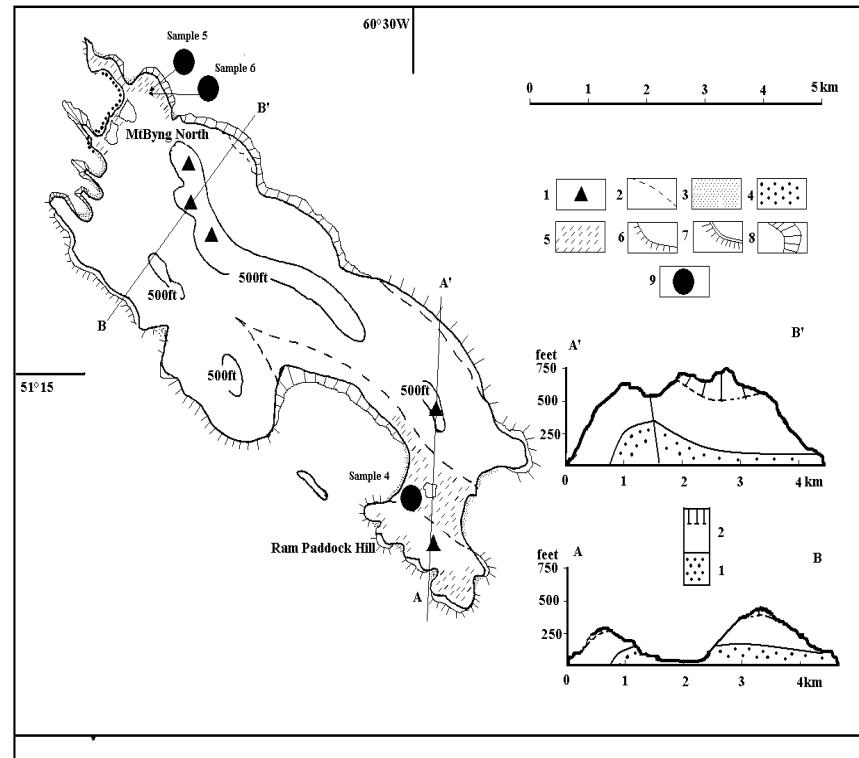
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Sedimentary Cell

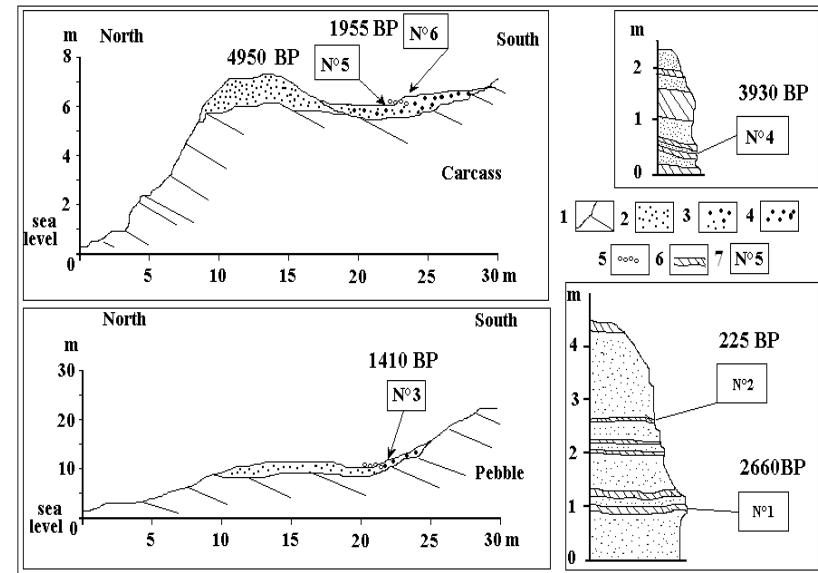


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Accommodation space

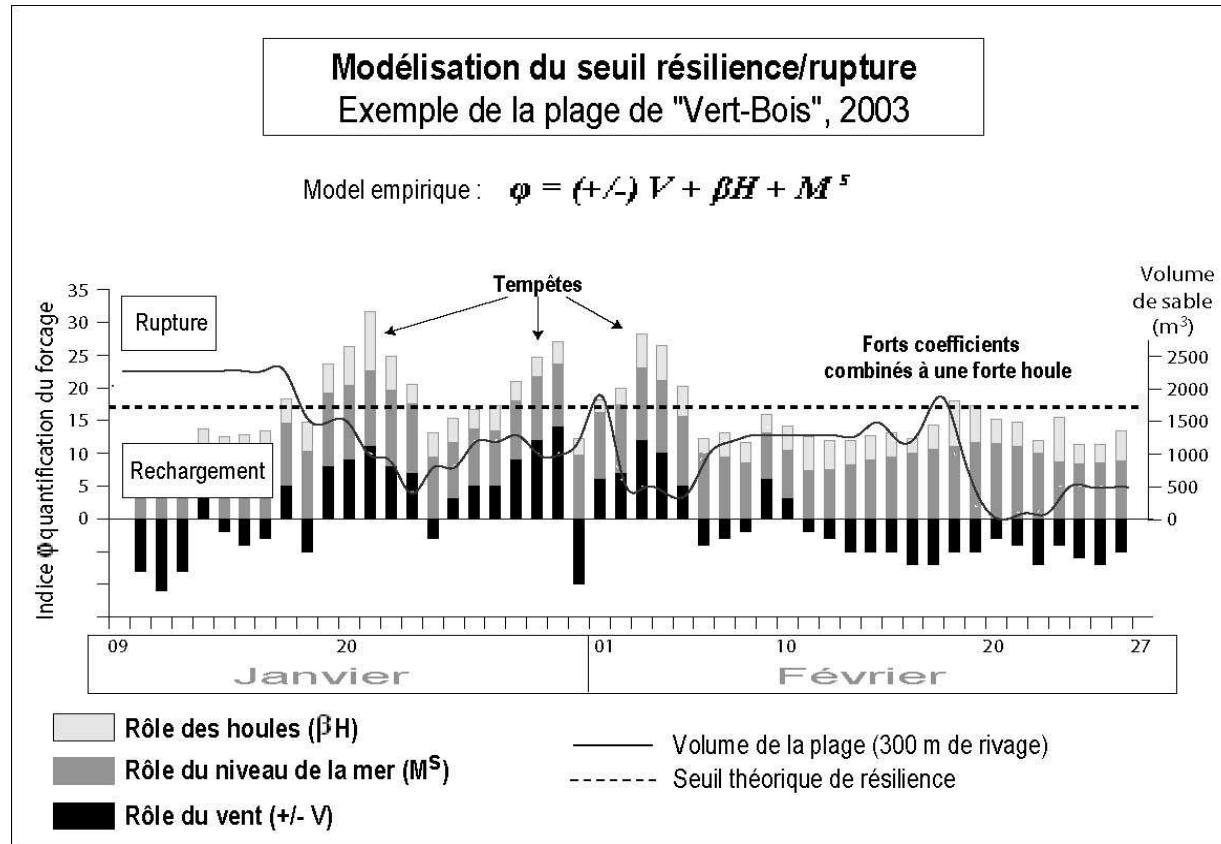
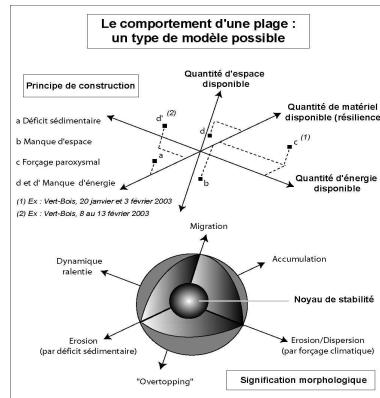


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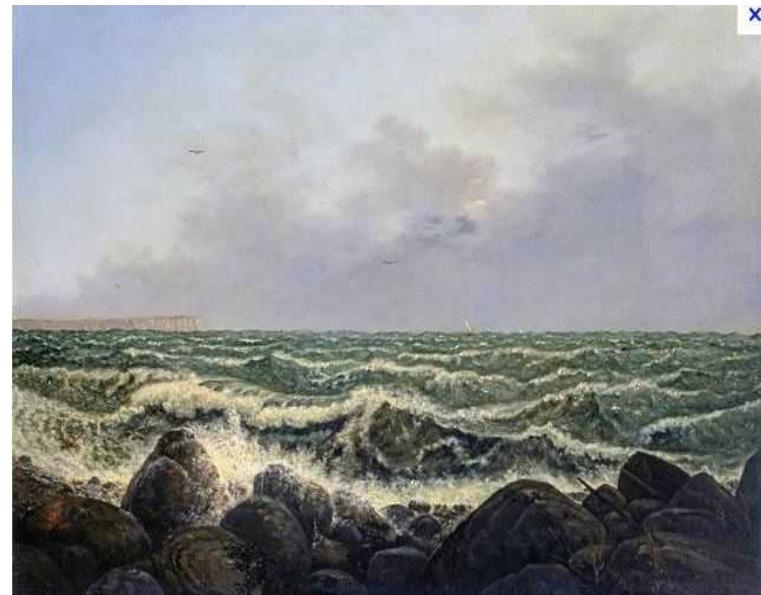
The three together : a global image/model



How can we make an image of such a changing behaviour ?

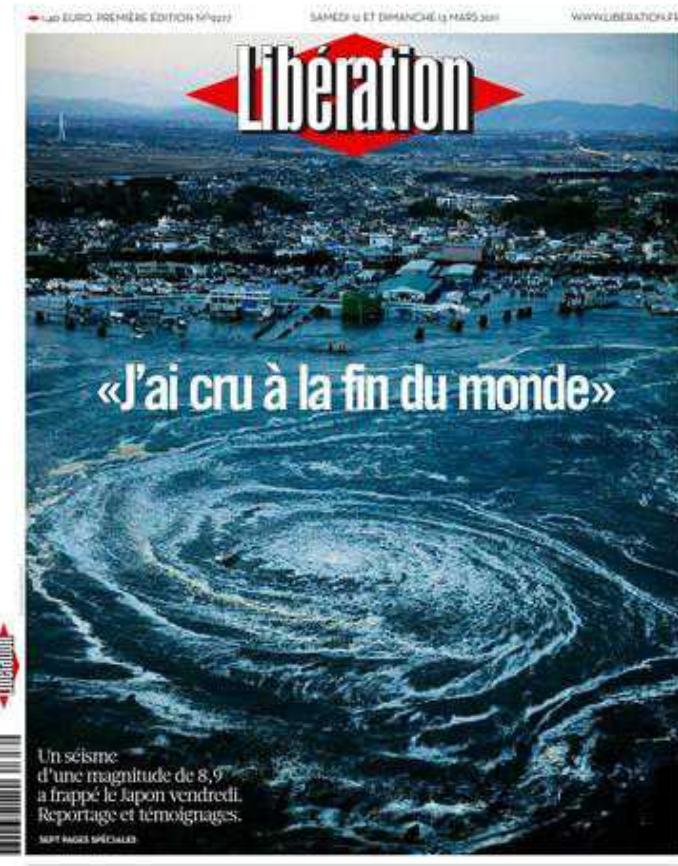


Courbet and Carus



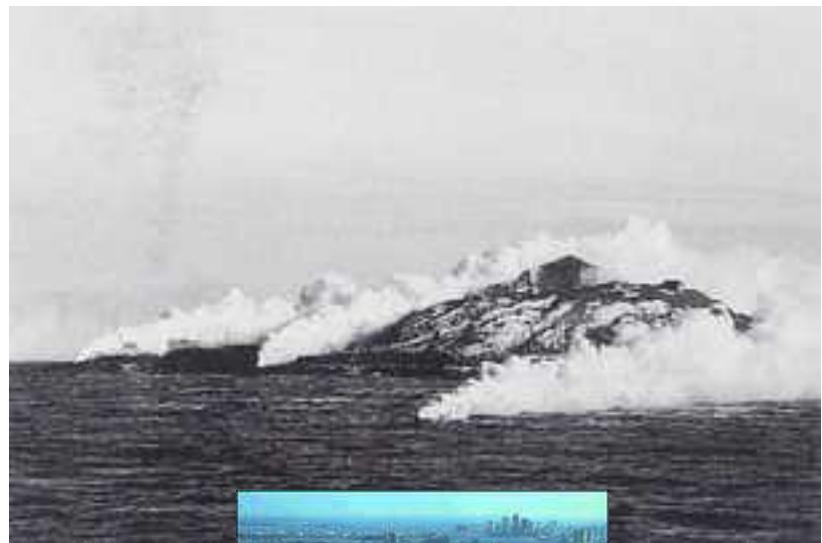
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Land Art



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Videos... installations



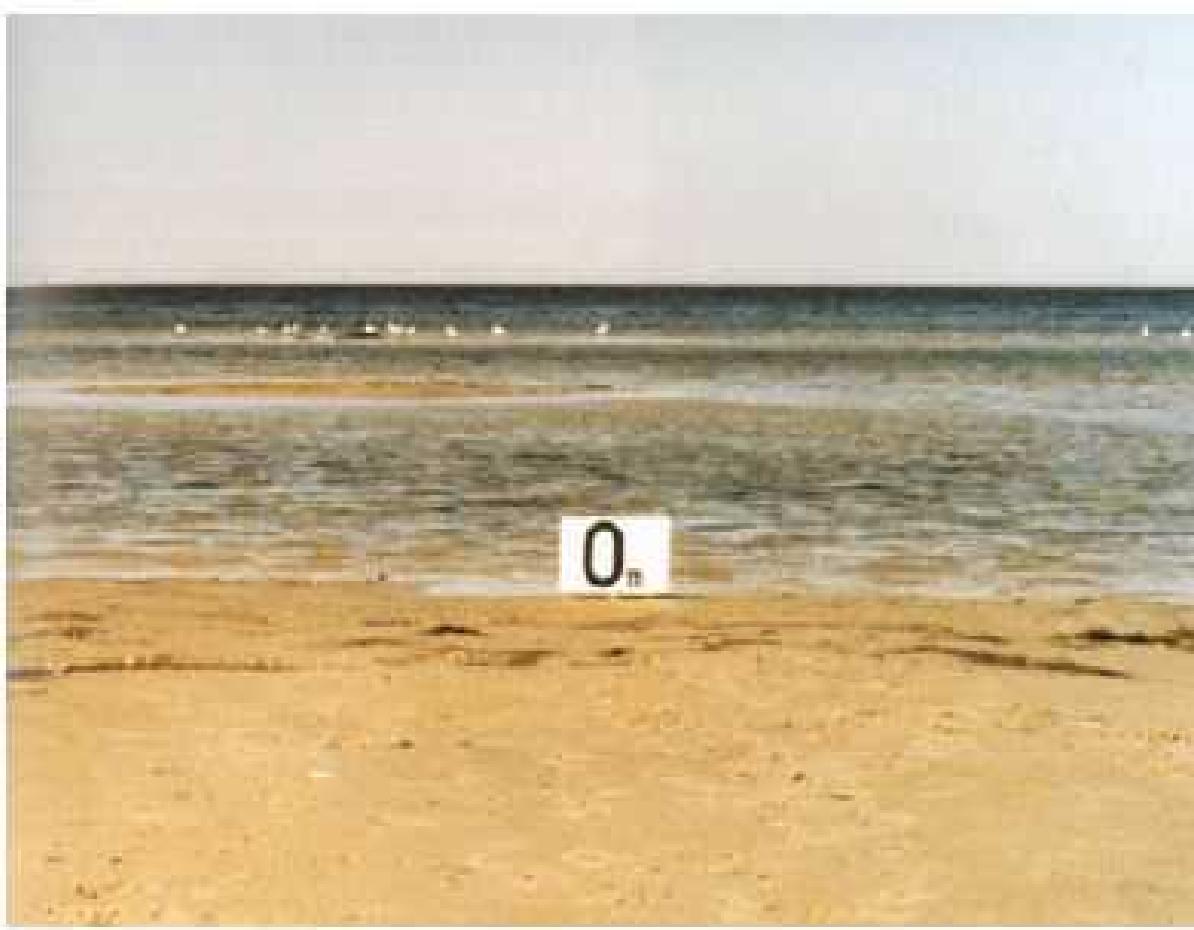
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Dibbet's performance



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P.A.Gette's irony

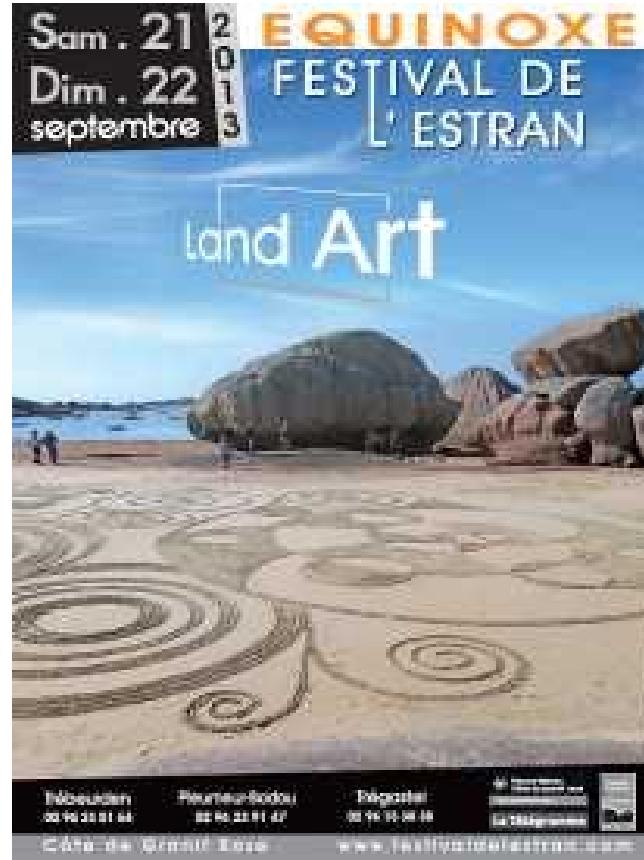


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Though, in the end we are left with these conflicting images



« La terre est bleue comme une orange »



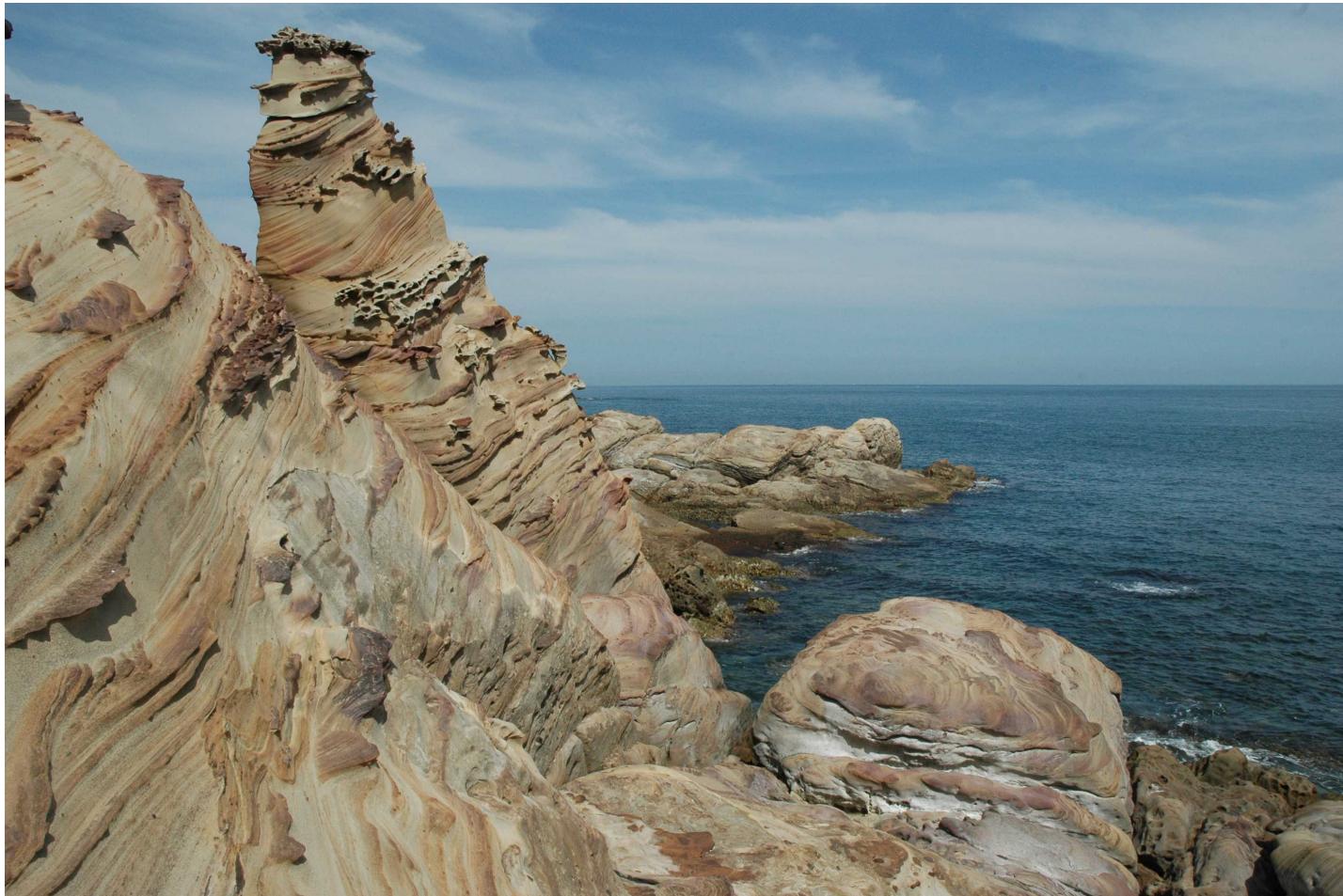
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When global aesthetical issues are re interpreted in a local-identity context.



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Thank you for your attention



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