

"Coastalization"

The world's coastline: Key figures

- ▶ Approximately **1.6** million kilometers of coastline (1).
- ▶ **28%** of coastal areas are kelp forests (2).
- ▶ Over **40%** of global population lives within 100 kilometers of the coast (3):
 - ❖ By 2040, 75% of the world's population will live near the coast (4).
 - ❖ Morocco's coastline for example, is home to about half of the country's population (9).
- ▶ **21** of the world's 33 megacities are on the coast (3).
- ▶ The average annual value of ecosystem services provided by coastal areas is estimated at over USD 25,000 billion(3).

Coastlines strongly impacted by climate change

- ▶ Rising sea levels could cause 50% of the world's beaches to disappear by 2100 (i.e. over 1/6th of the world's coastline) (5).
- ▶ The average global annual rate of coastal erosion is estimated at 0.07 meters (3).
 - ❖ In Morocco, this value stands at 0.14 meters on the Mediterranean coast and 0.12 meters on the Atlantic coast (3).
- ▶ Across the world's 136 largest coastal cities, 100 million people (i.e. 1/5 of the population) are exposed to flood risks (6).

Top 10 countries in coastline length (7)

Rank	Country	Coastline (kms)
1	Canada	202.080
2	Indonesia	54.716
3	Russia	37.653
4	Philippines	36.289
5	Japan	29.751
6	Australia	25.760
7	Norway	25.148
8	USA	19.924
9	New-Zealand	15.134
10	China	14.500
-	-	-
35	Morocco	3.500 (8)

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▶ Morocco's coastline: key figures

- ❖ 9 regions out of Morocco's 12 are coastal (9).
- ❖ 183 coastal municipalities (9).
- ❖ 38 coastal areas are classified as "Sites of Biological and Exobiological Interest" (SIBE): totalling 205,000 hectares (10).
- ❖ 50% of Morocco's population lives within 30 kilometers of the coast (9).
- ❖ 78% of the urban population resides on the coastal areas (9).

▶ Substantial economic contribution

- ❖ 35% of tourist capacity (9).
- ❖ About 90% of industrial activity (11).
- ❖ 95% of exports (11).

▶ Rich and varied natural resources

- ❖ Marine fauna includes nearly 7,820 species, of which 236 are endemic (12).

▶ Degradation of Morocco's coastline

- ❖ Estimated at MAD 2.5 billion per year, i.e. 0.27% of GDP (13).

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