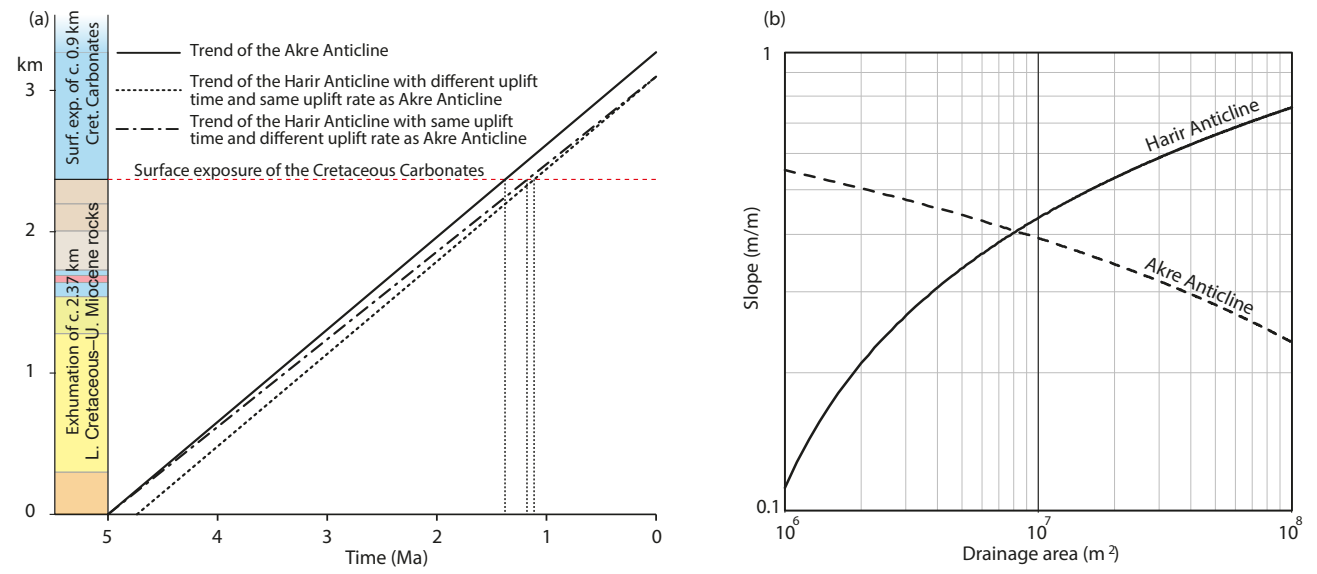
(a)
km
3
2
1
0
Surf. exp. of c. 0.9 km
Cret. Carbonates
Exhumation of c. 2.37 km
L. Cretaceous–U. Miocene rocks
Trend of the Akre Anticline
Trend of the Harir Anticline with different uplift time and same uplift rate as Akre Anticline
Trend of the Harir Anticline with same uplift time and different uplift rate as Akre Anticline
Surface exposure of the Cretaceous Carbonates
5
4
3
2
1
0
Time (Ma)
(b)
1
0.1
Slope (m/m)
Harir Anticline
Akre Anticline
10^6
10^7
10^8
Drainage area (m^2)