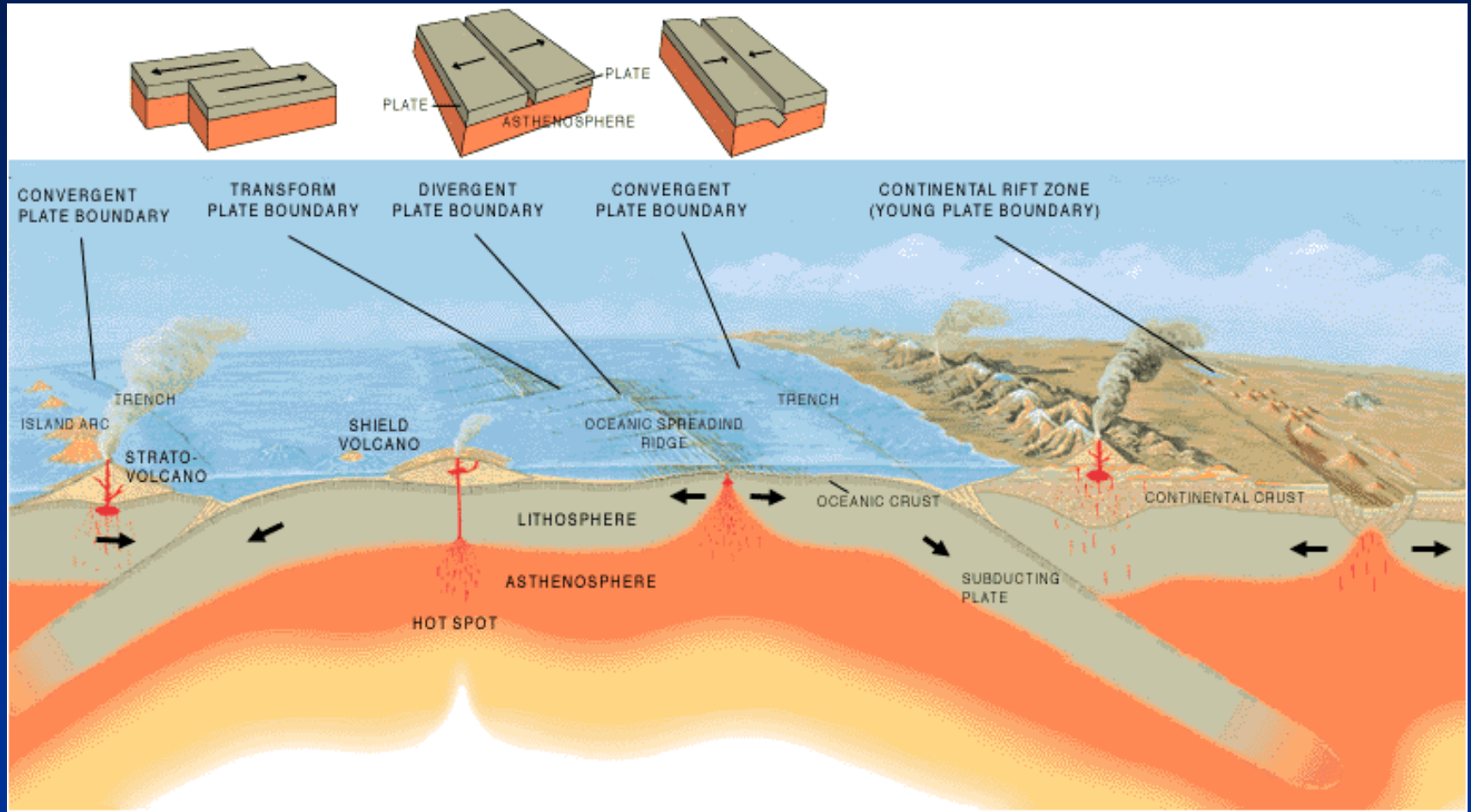


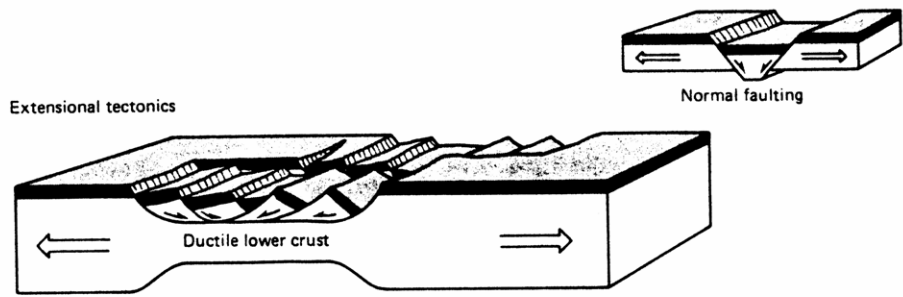
Tettonica a zolle, il sistema e i tipi di margini di placche



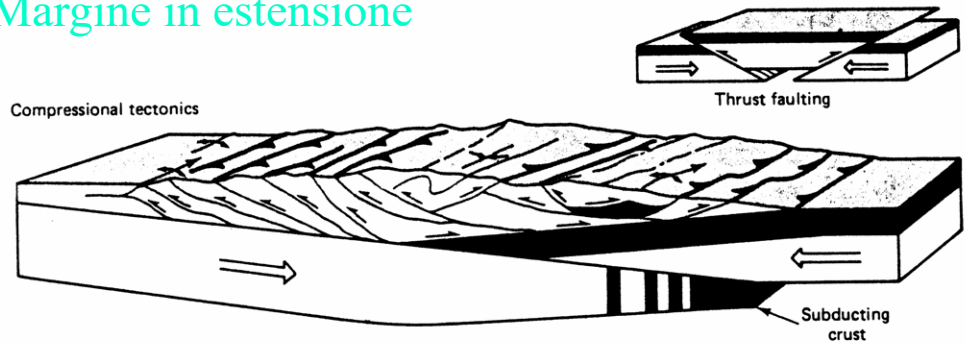
Da "The dynamic Earth" in USGS Web Site

Immagini e fotografie tratte da:

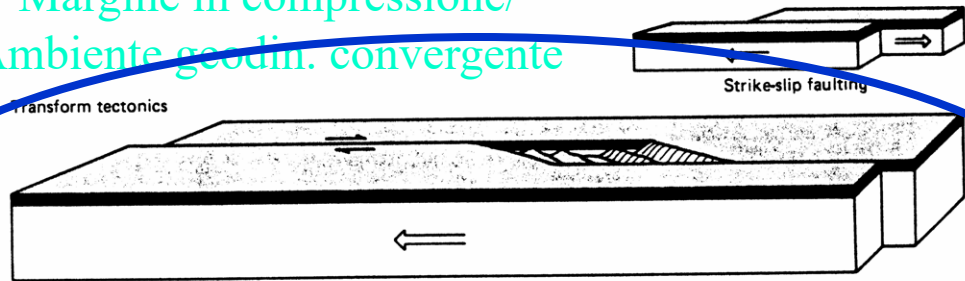
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Margine in estensione

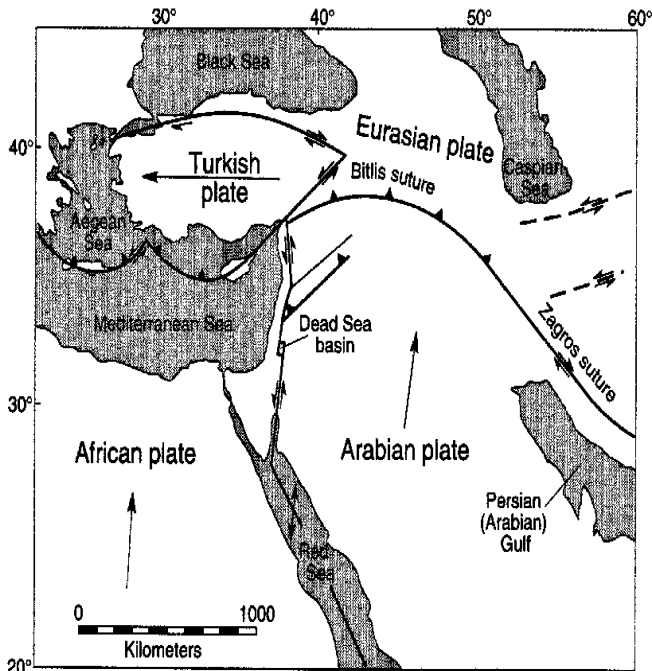


Margine in compressione/
Ambiente geodin. convergente



Margine trasforme/trascorrente

Tipo di margini di
placca e ambienti
geodinamici



Da Hatcher, 1995

Margini in trascorrenza

Ambienti geodinamici in trascorrenza;

tettonica di trascorrenza e trasforme

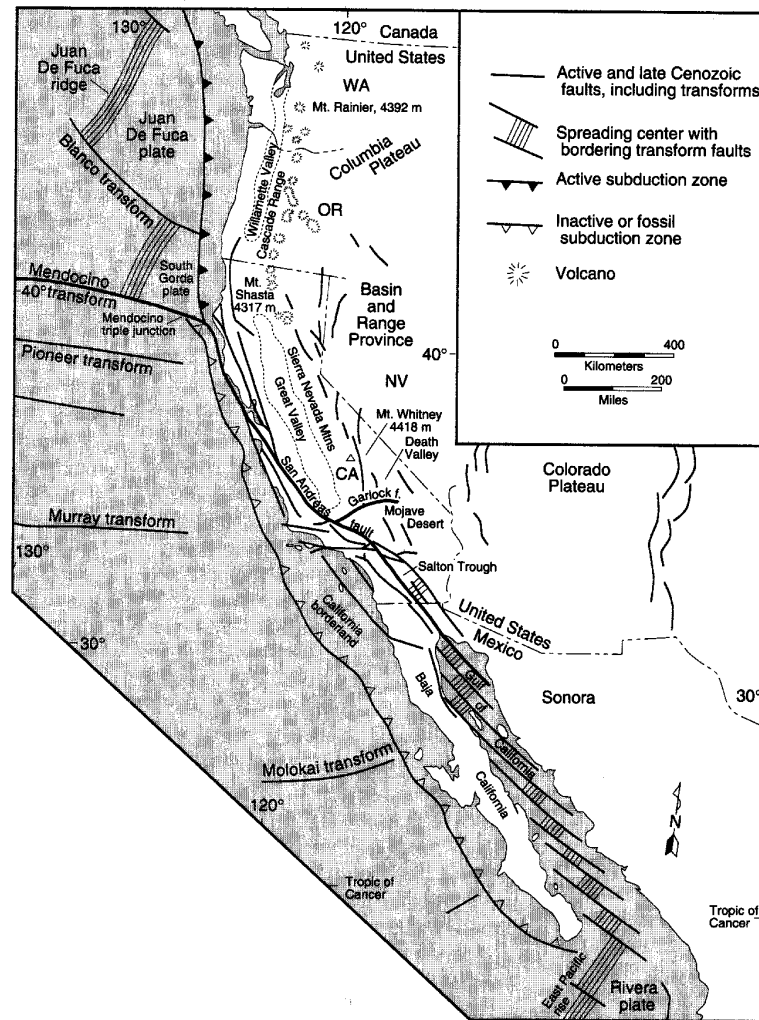


FIGURE 12-12

San Andreas and related fault systems in California, northern Mexico, and in the adjacent Pacific Ocean. (After J. C. Crowell, 1987, *Episodes*, v. 110.)

Da Hatcher, 1995



Da Earth from Space, NASA (eol.jsc.nasa.gov)

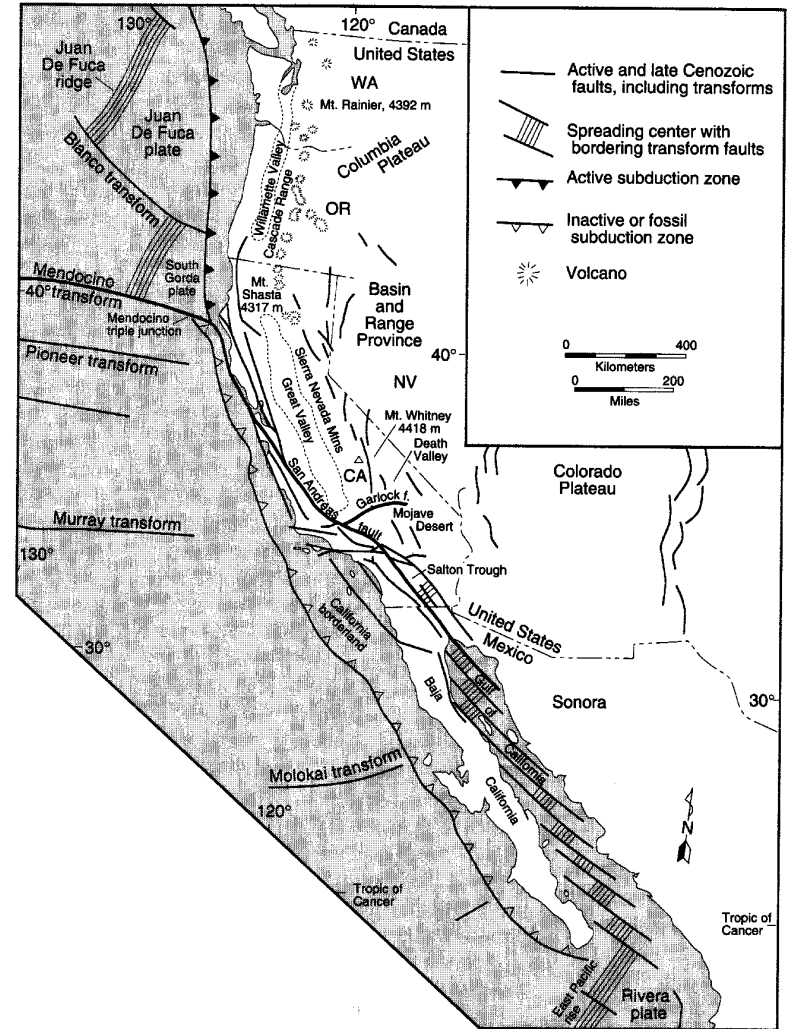
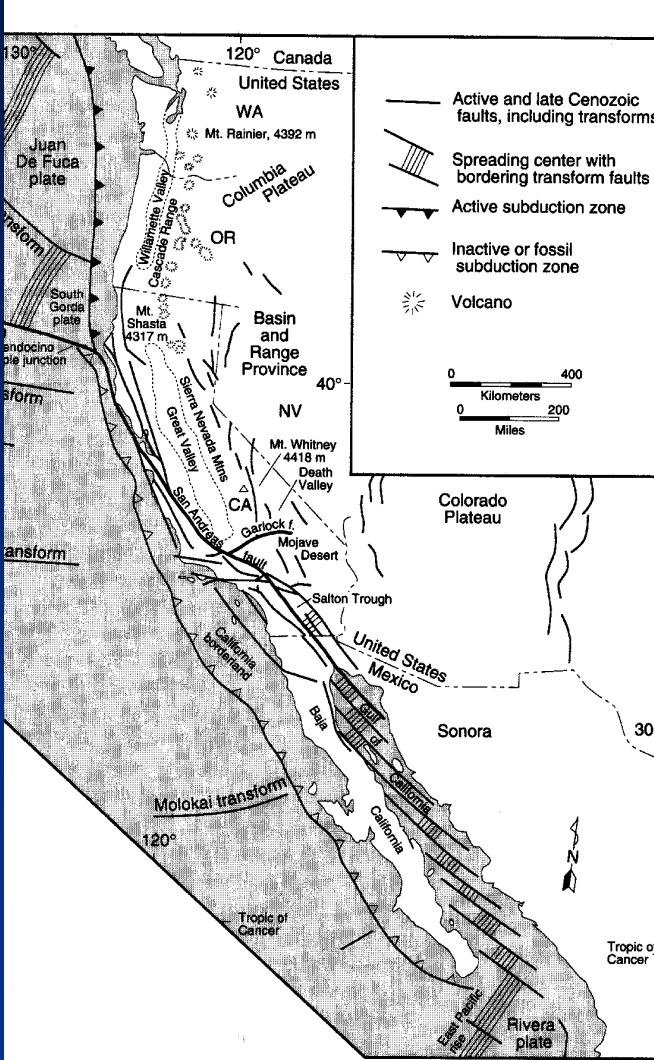
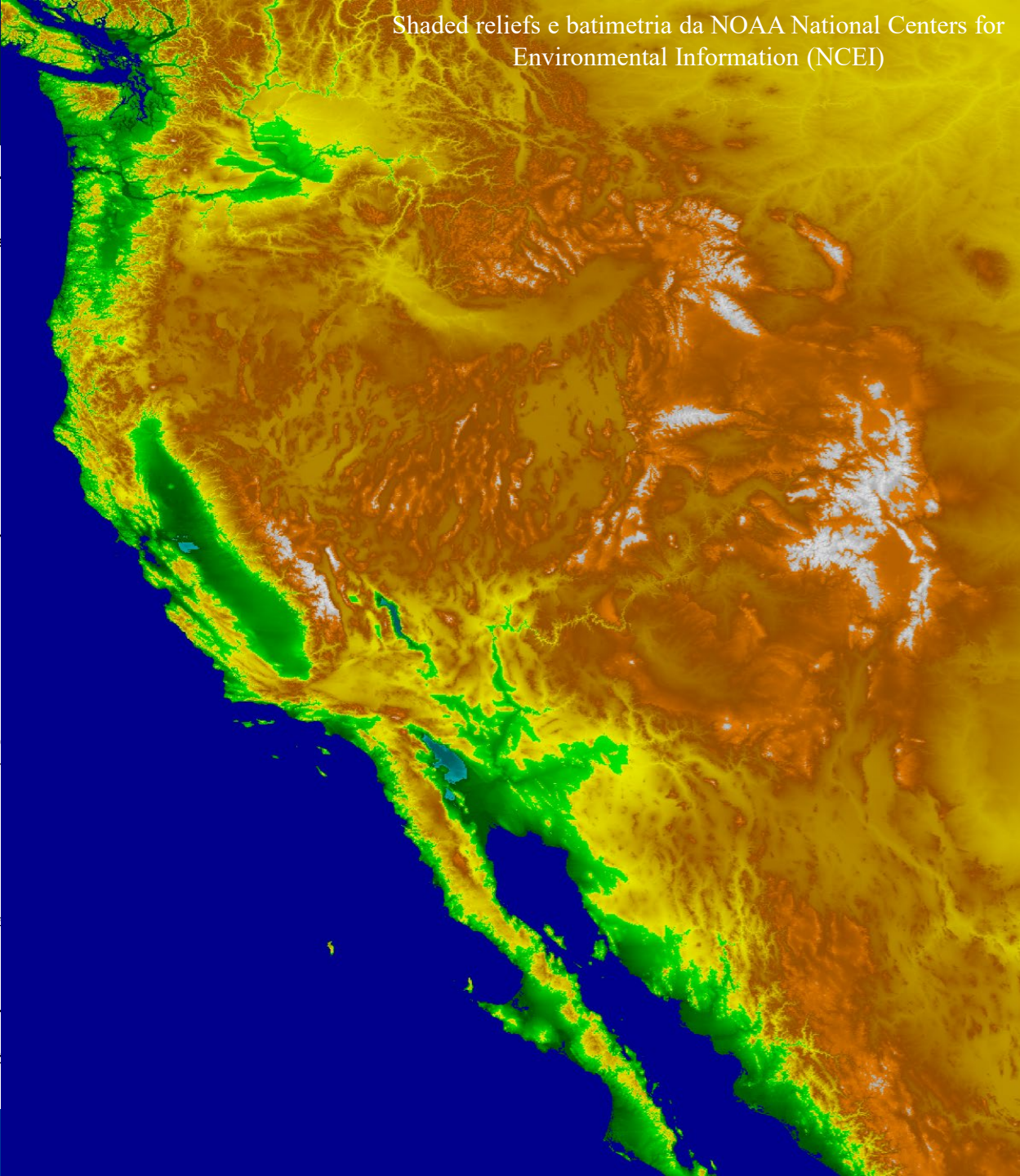


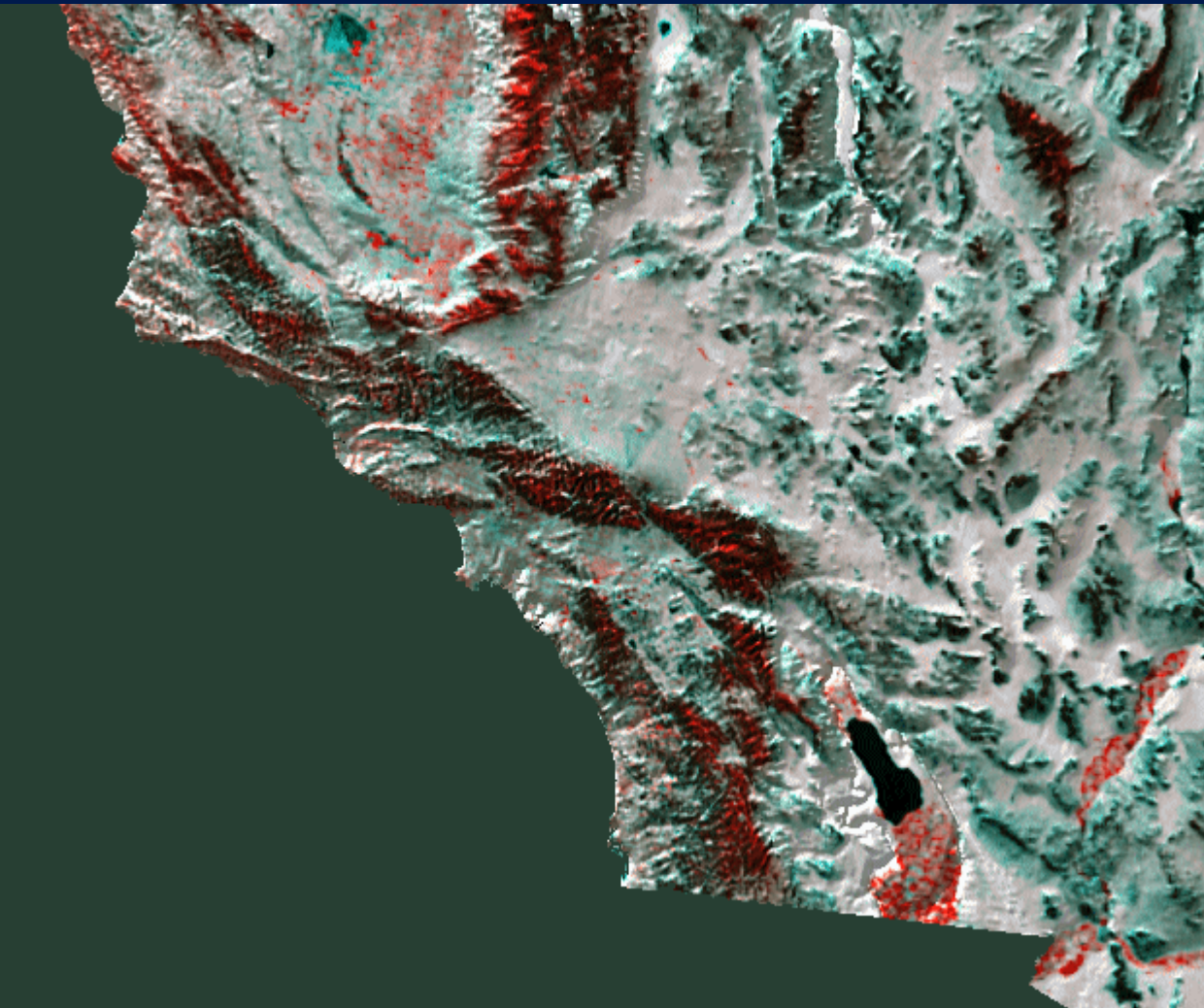
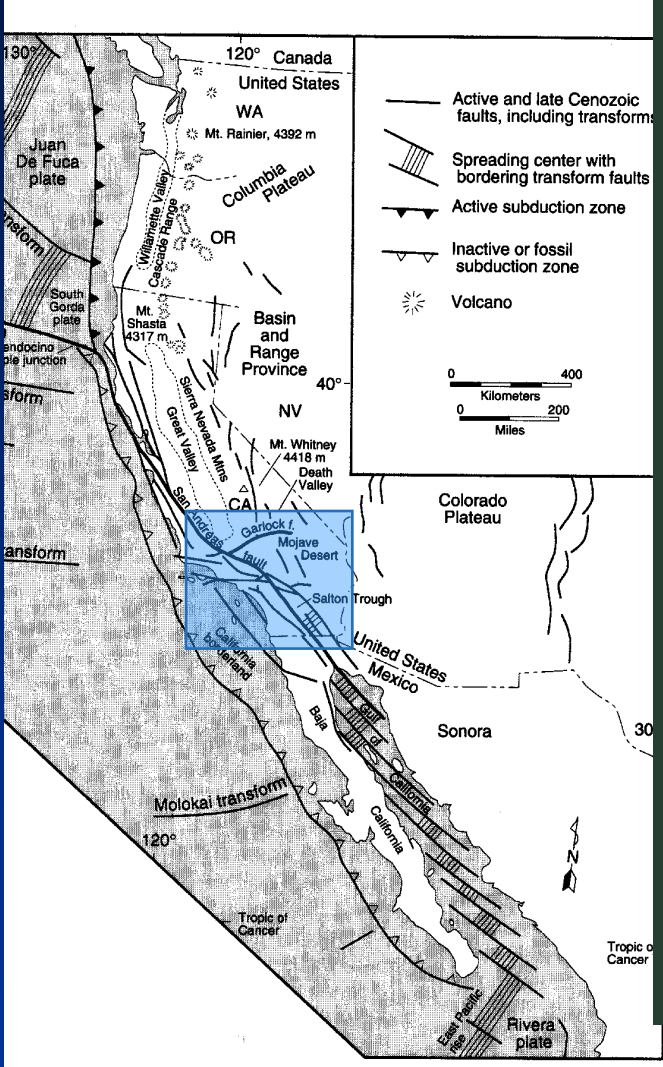
FIGURE 12-12
 San Andreas and related fault systems in California, northern Mexico, and in the adjacent Pacific Ocean. (After J. C. 1987, *Episodes*, v. 110.)

Da Hatcher, 1995



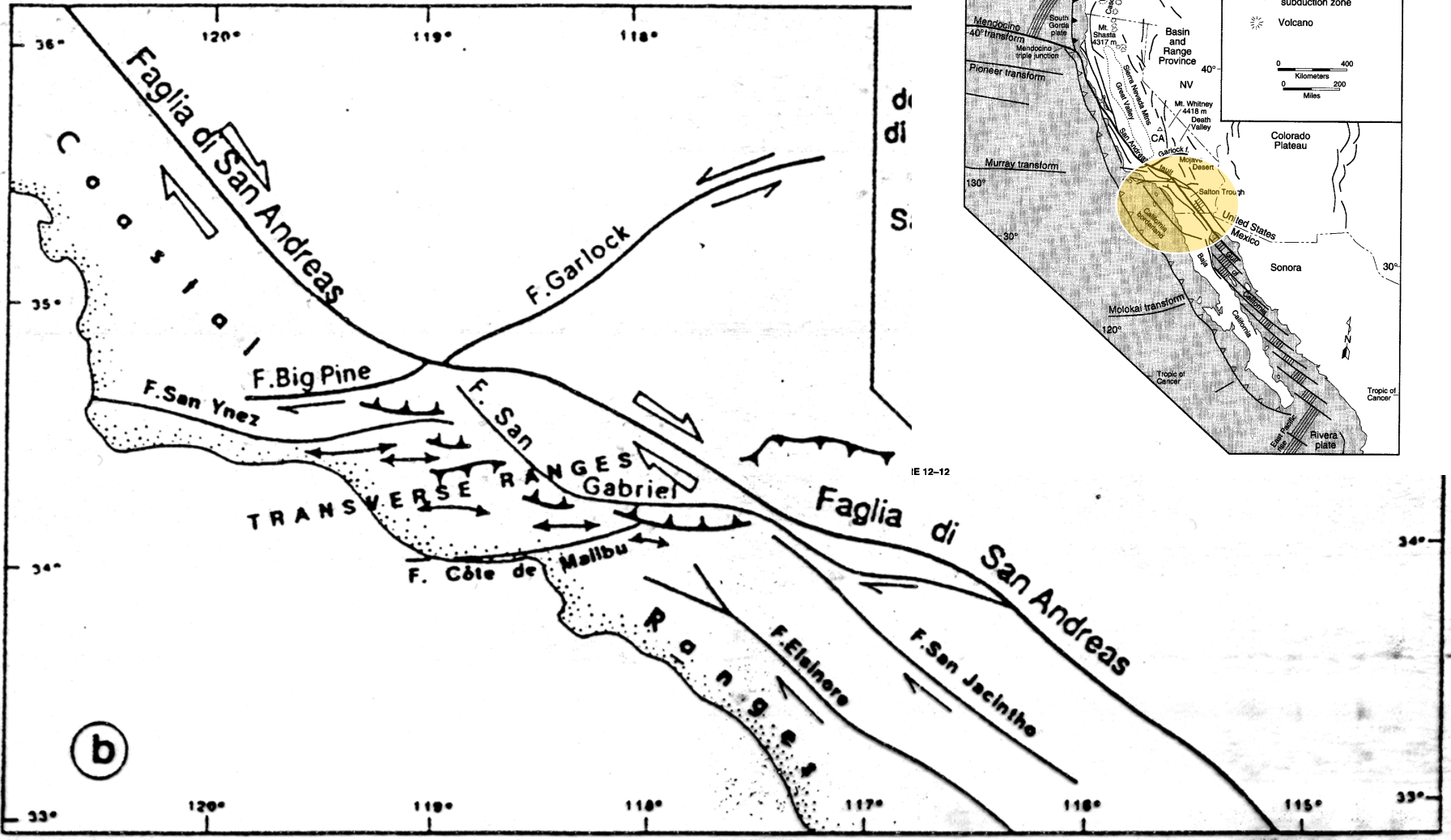
systems in California, northern Mexico, and in the adjacent Pacific Ocean. (Aft





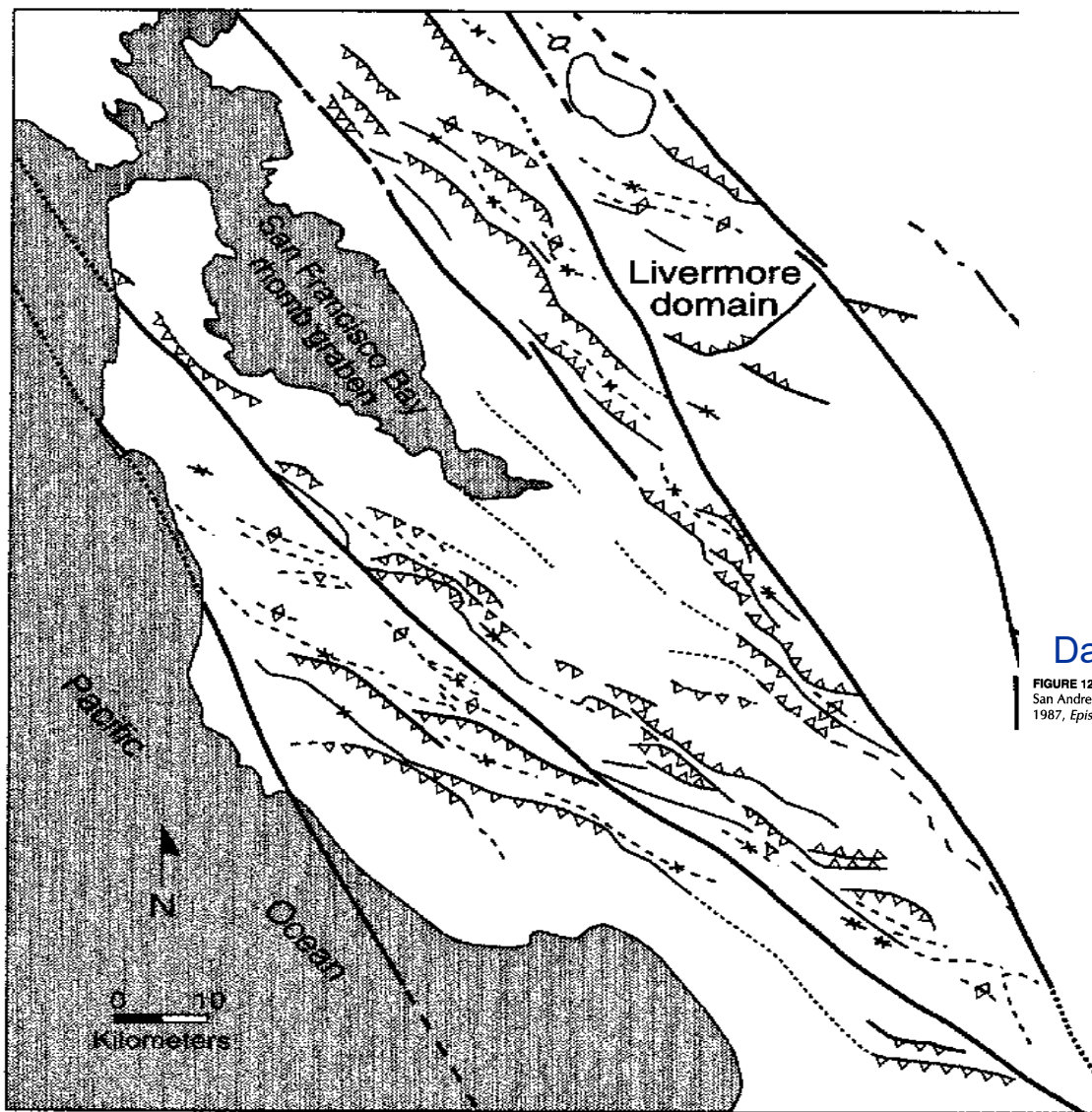
systems in California, northern Mexico, and in the adjacent Pacific Ocean. (After J. C. Crowell,

Da USGS
Mosaico dati satellitari AVHRR, falsi colori

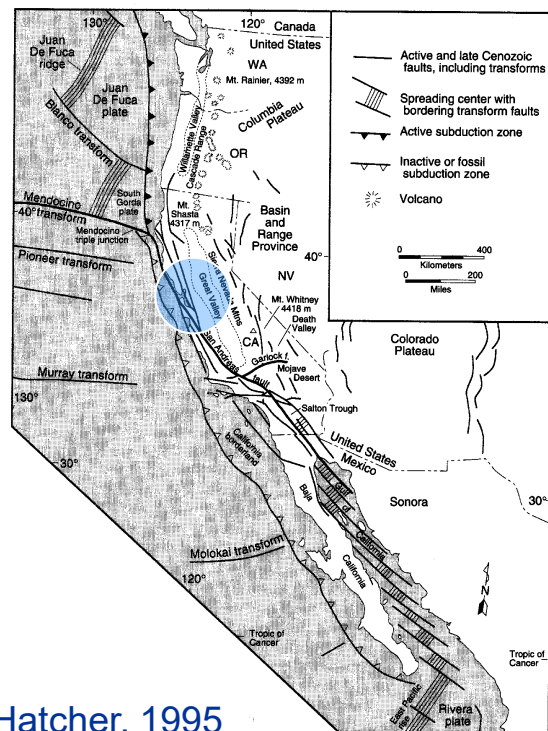


Da Mercier & Vergely, 1996

(a)

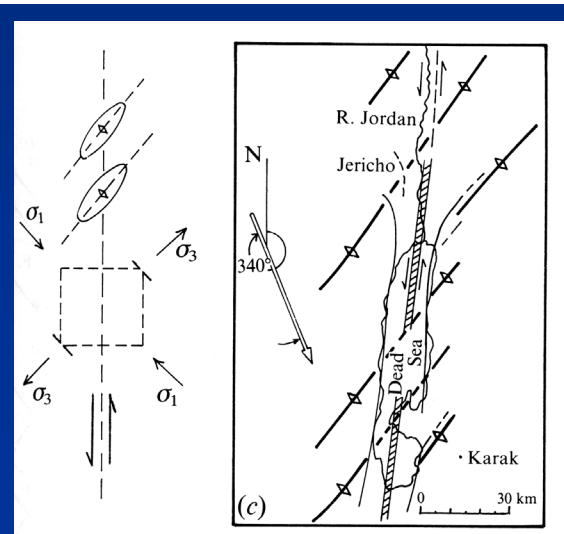


(c)



Da Hatcher, 1995

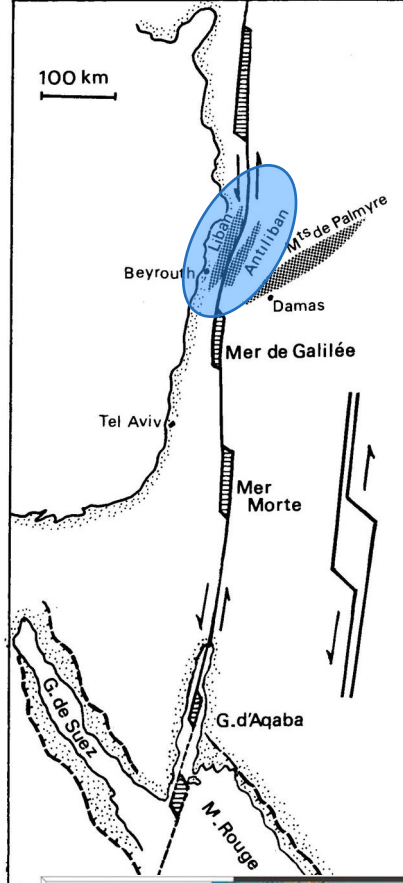
FIGURE 12-12 San Andreas and related fault systems in California, northern Mexico, and in the adjacent Pacific Ocean. (After J. C. Crowell, 1987, *Episodes*, v. 110.)



Da Price & Cosgrove, 1990

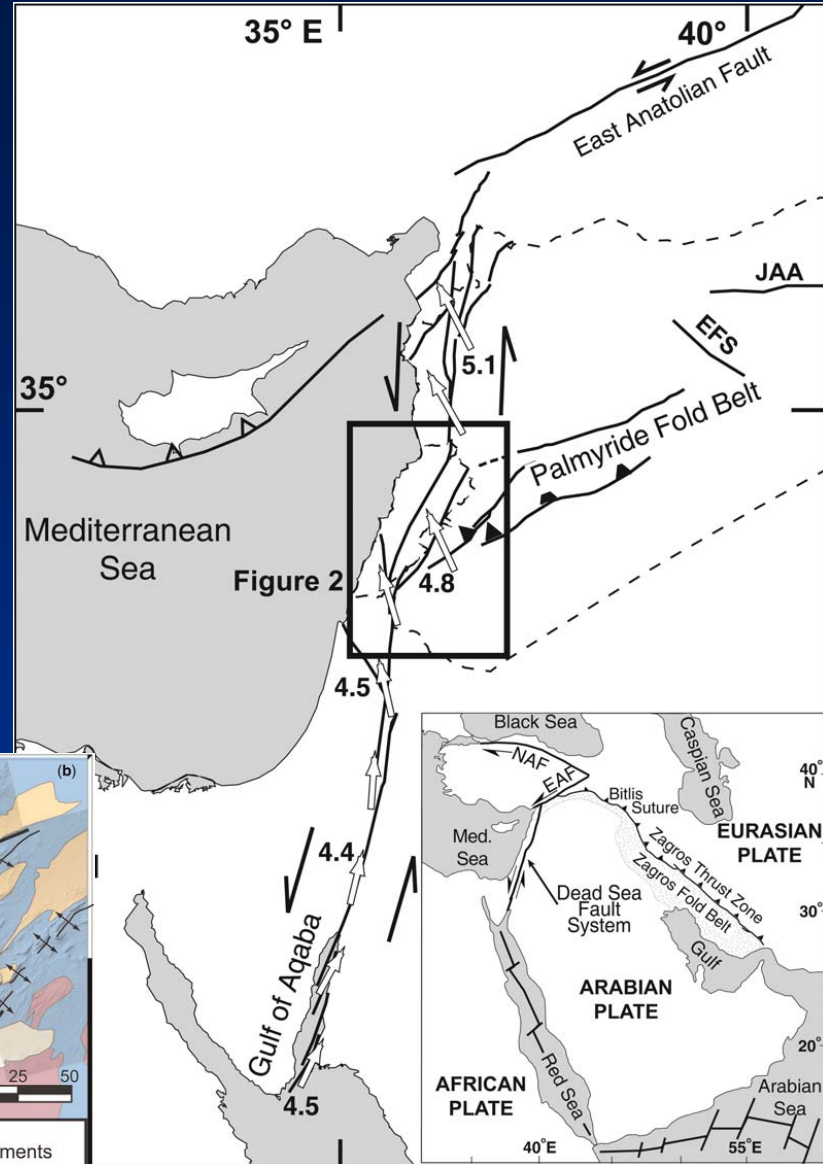
Da Hatcher, 1995

Variazioni di direzione (bend),
bacini pull-apart e faglie vicarianti (step over)

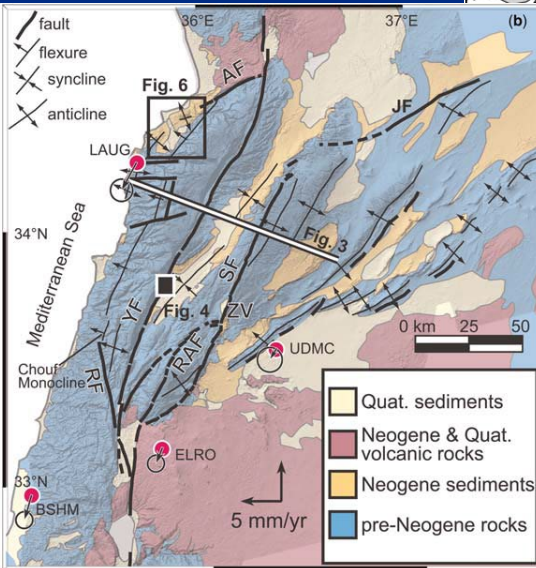
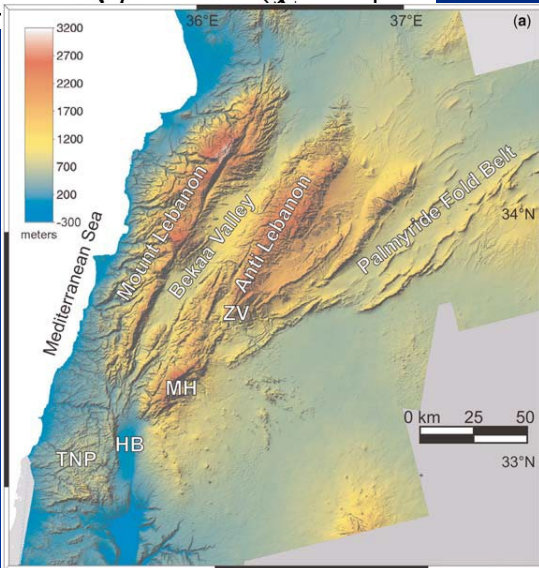


Da Debelmas et al., 2008

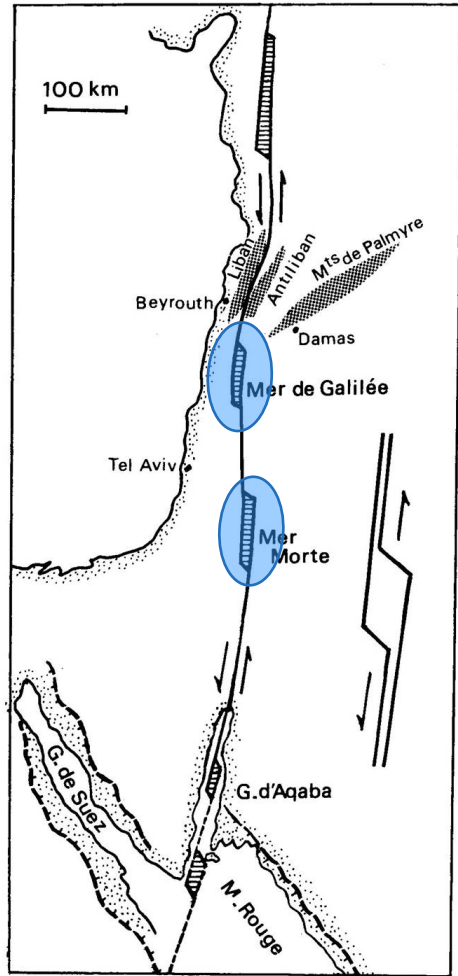
Restraining bend



Da Gomez et al., 2007

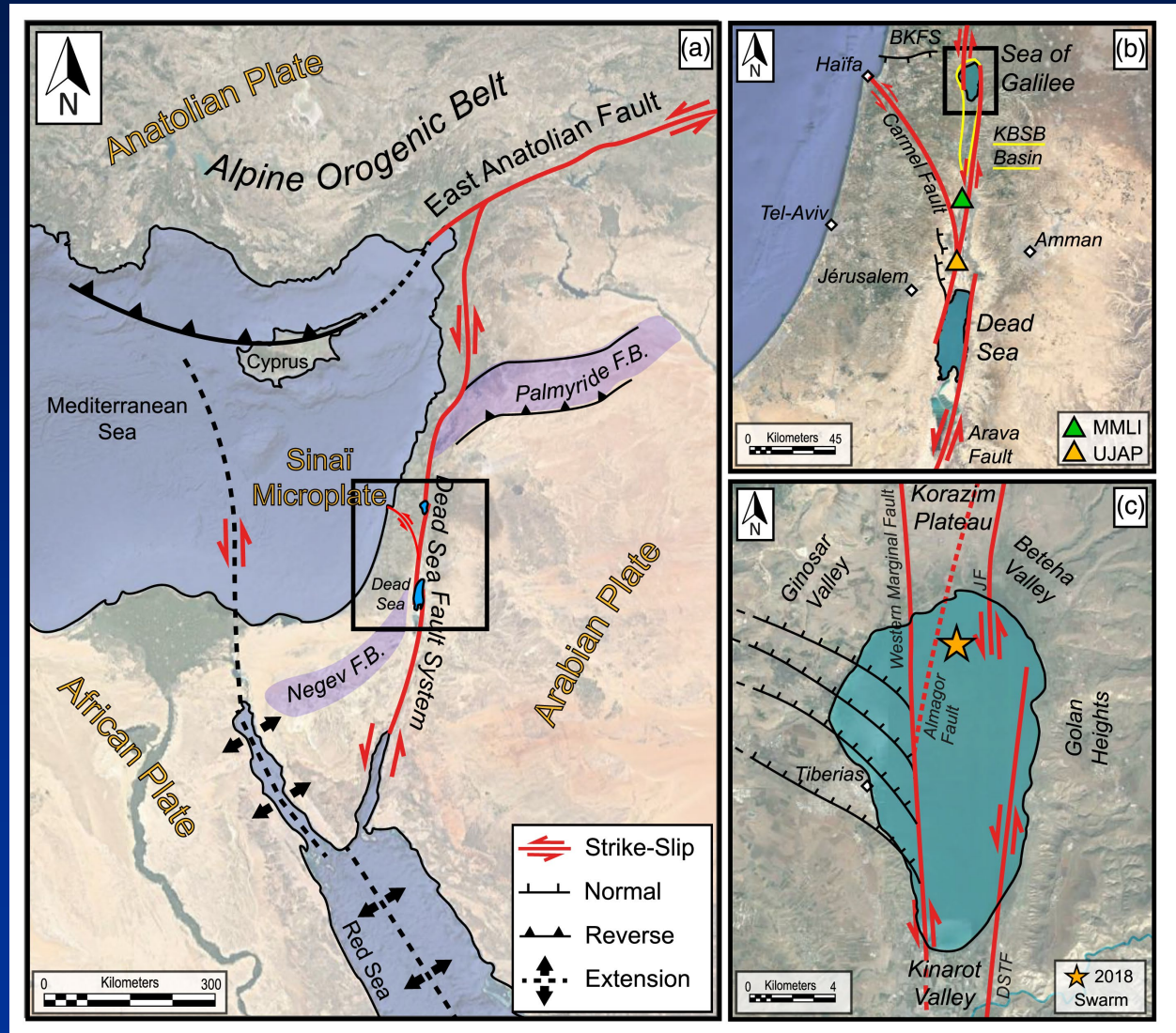


Variazioni di direzione
(bend),
bacini pull-apart e faglie
vicarianti (step over)



Da Debelmas et al., 2008

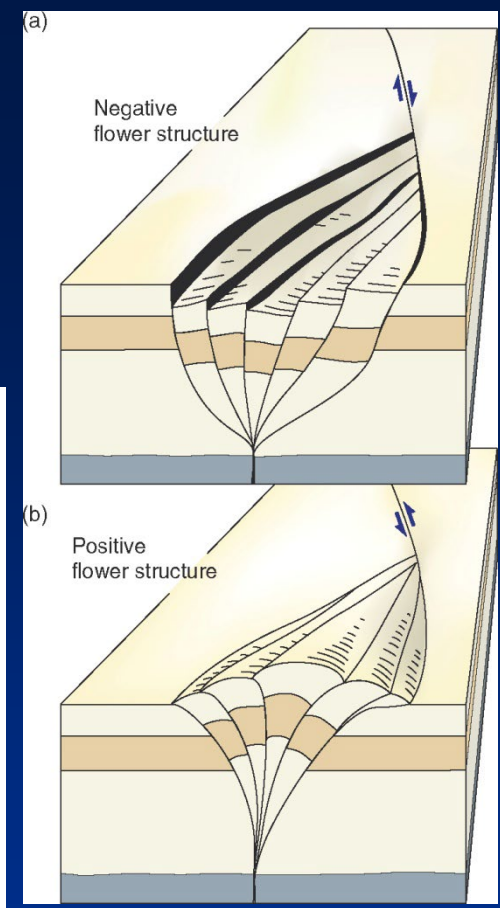
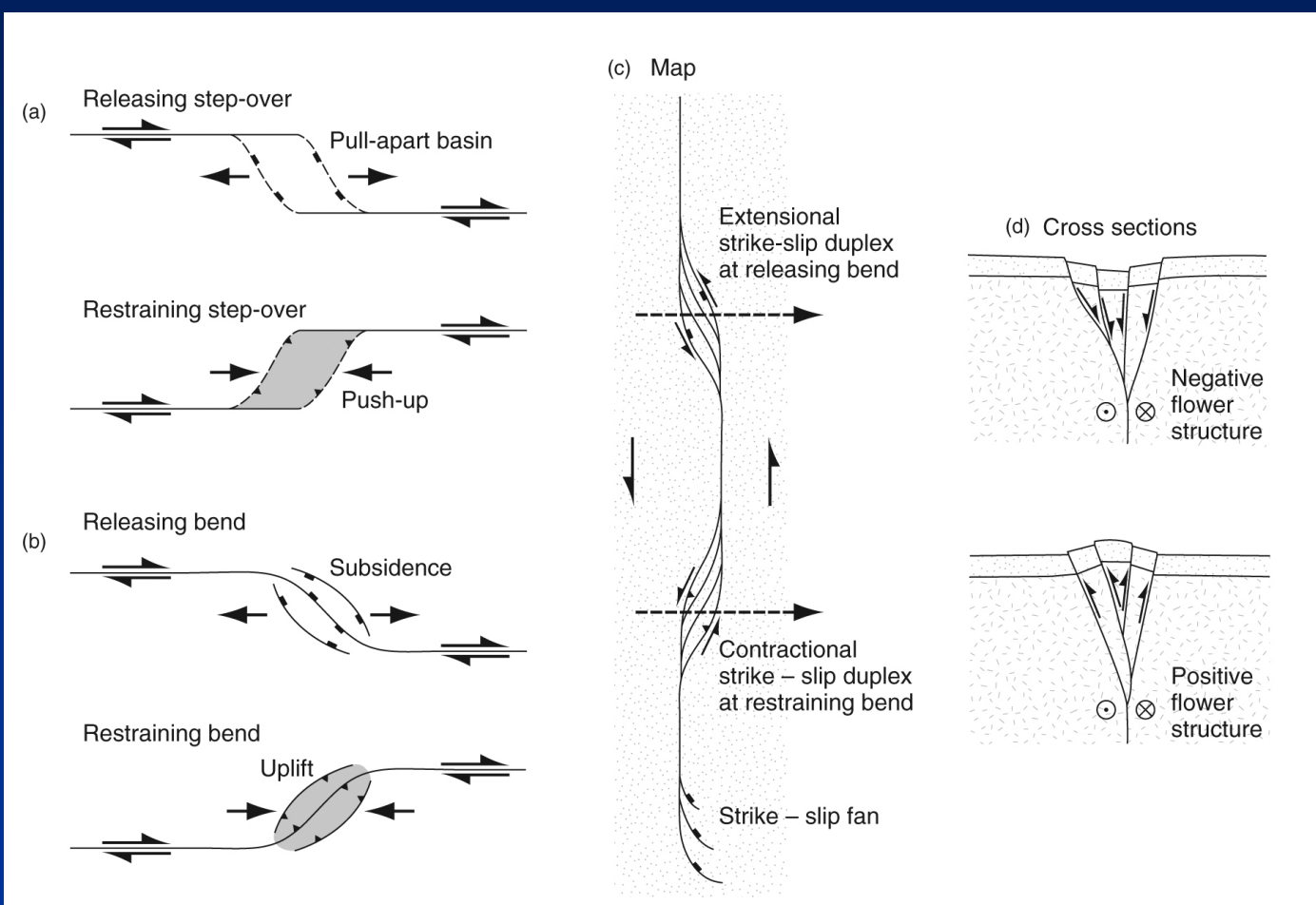
Releasing step-over – bacini pull-apart



Da Hadad et al., 2020

Variazioni di direzione (bend) e strutture a fiore

Faglie vicarianti (step-over)



•Da Fossen, 2010

Strutture a fiore

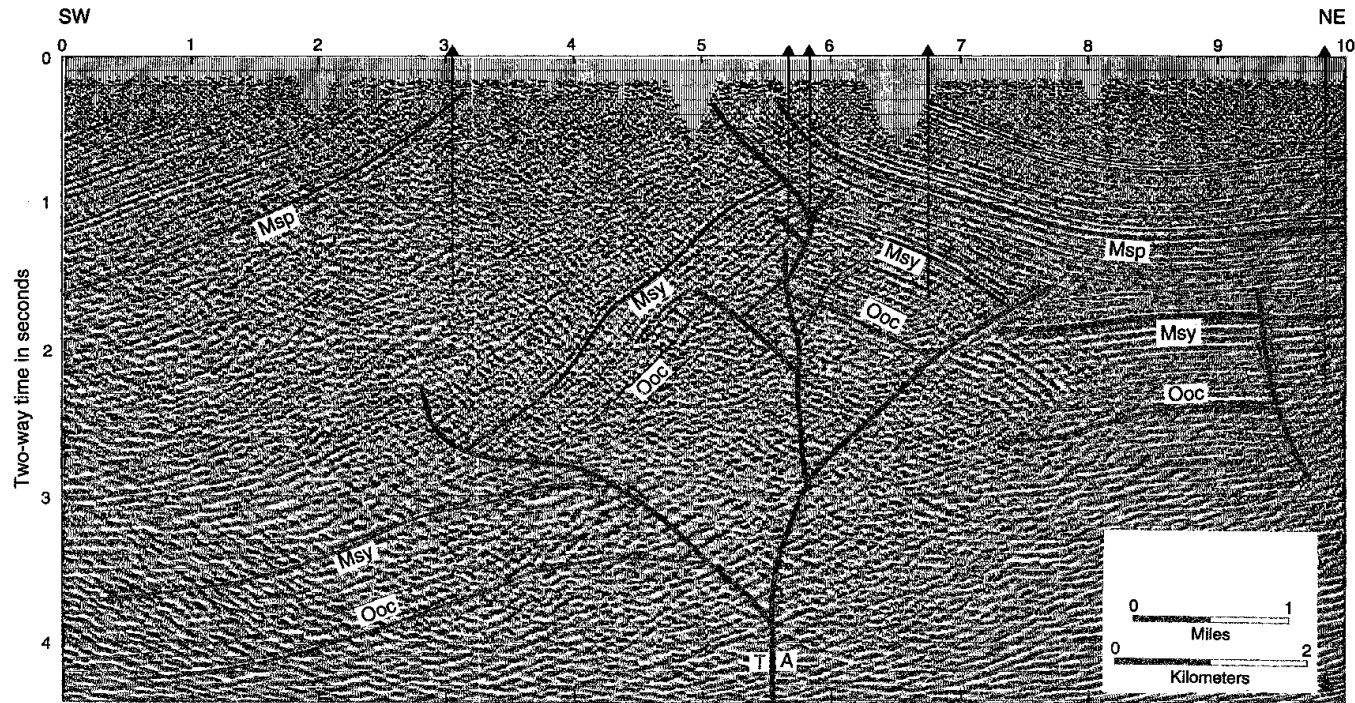
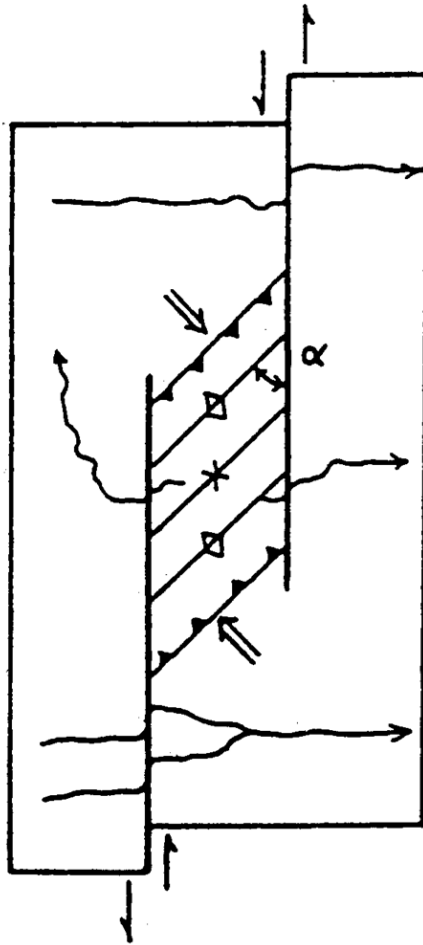


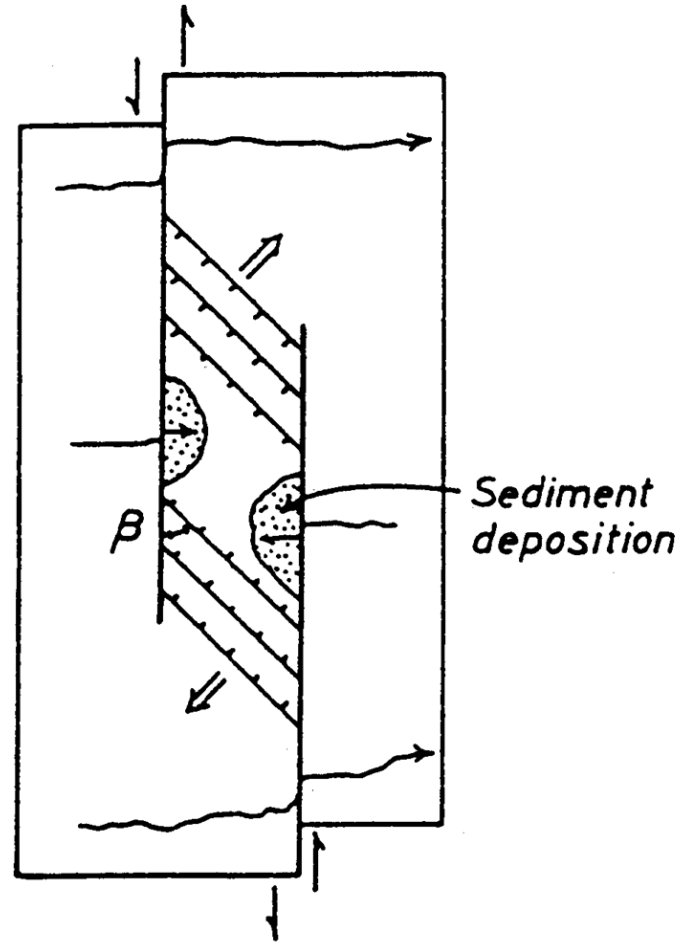
FIGURE 12-11

Structure section constructed on a seismic reflection profile and drill data through the Ardmore basin in the Oklahoma aulocogen, illustrating flower and inverted-rift structures. Msp—Springer, Msy—Sycamore, and Ooc—Oil Creek are Paleozoic rock units. (After T. P. Harding and J. D. Lowell, 1974, *AAPG Bulletin*, v. 58. Reprinted by permission of American Association of Petroleum Geologists.)

A. l.h. shear, r.h. en-echelon



B. l.h. shear. l.h. en-echelon



Faglie trasformi

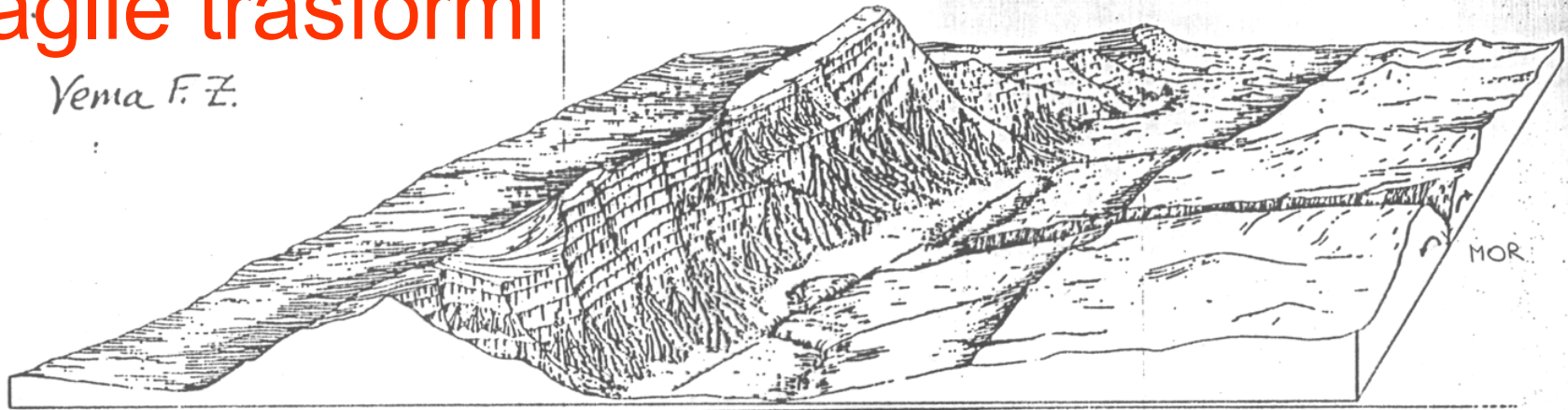


US Dept of State Geographer
© 2020 Google
Map Data © 2020 AND
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

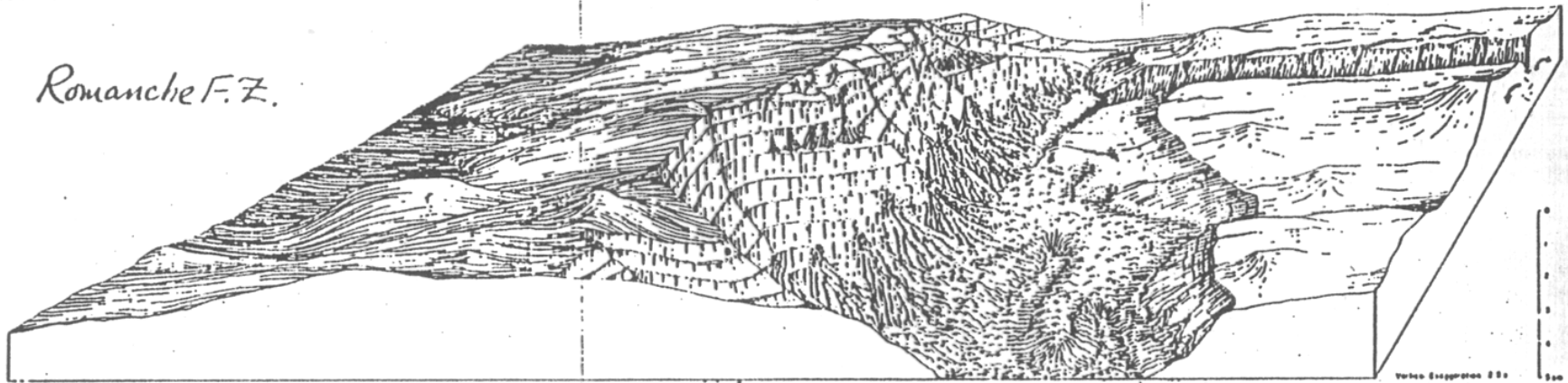
Google Earth
WinVista

Faglie trasformi

Vema F.Z.



Romanche F.Z.



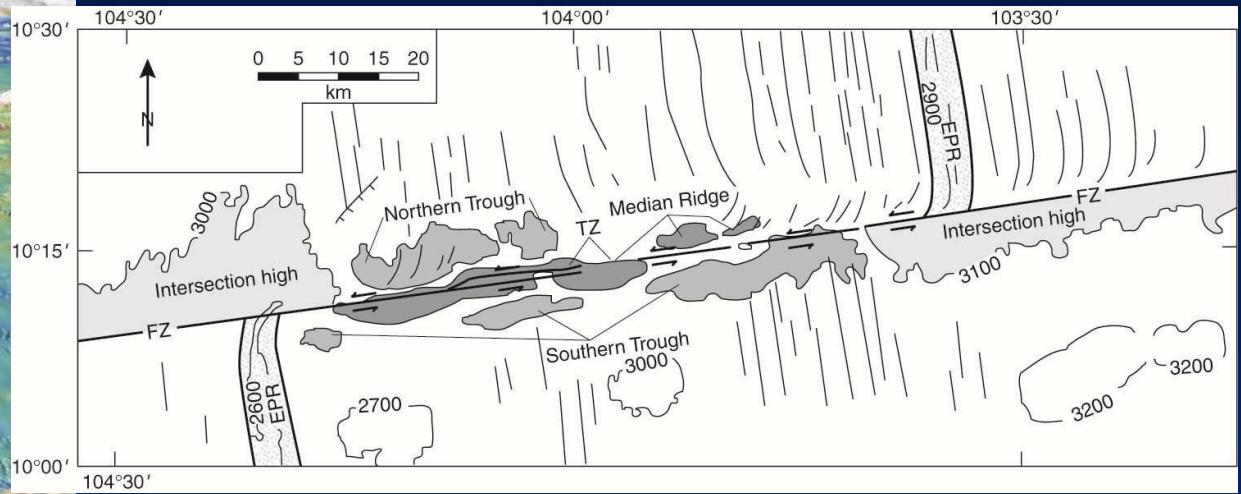
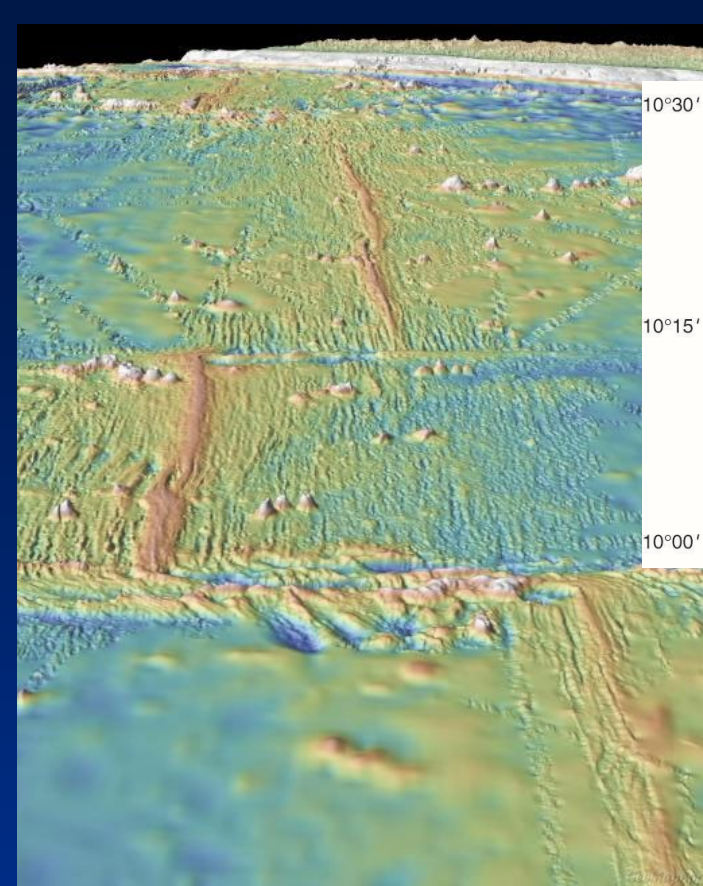
Grand Canyon



Confronto fra le
dimensioni di questo
tipodi strutture
con anelaghe
subaeree.

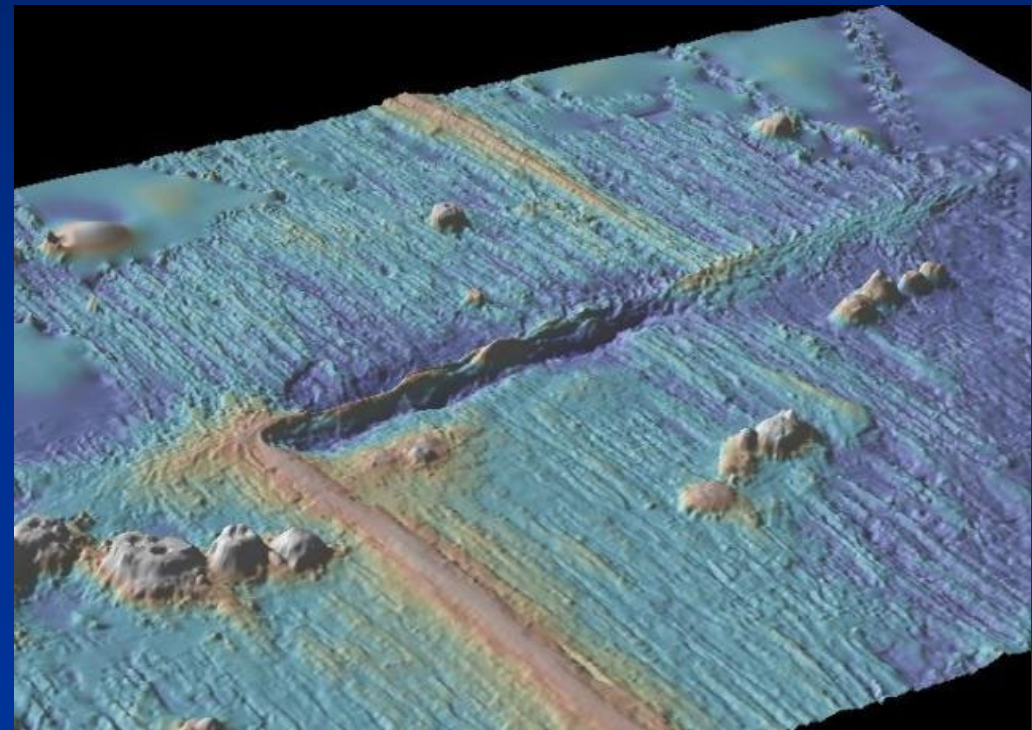
Figure 1: Large-offset and/or slow-slipping transform faults and fracture zones rank among the major landforms of the earth. In this drawing, the transform valleys of the Vema and Romanche Fracture Zones dwarf the Grand Canyon. Such enormous relief cannot result from passive strike-slip sliding of adjacent lithospheric blocks, but rather must involve rapid and extreme vertical motions.

da KASTENS et al.
Prog. ric. 1986

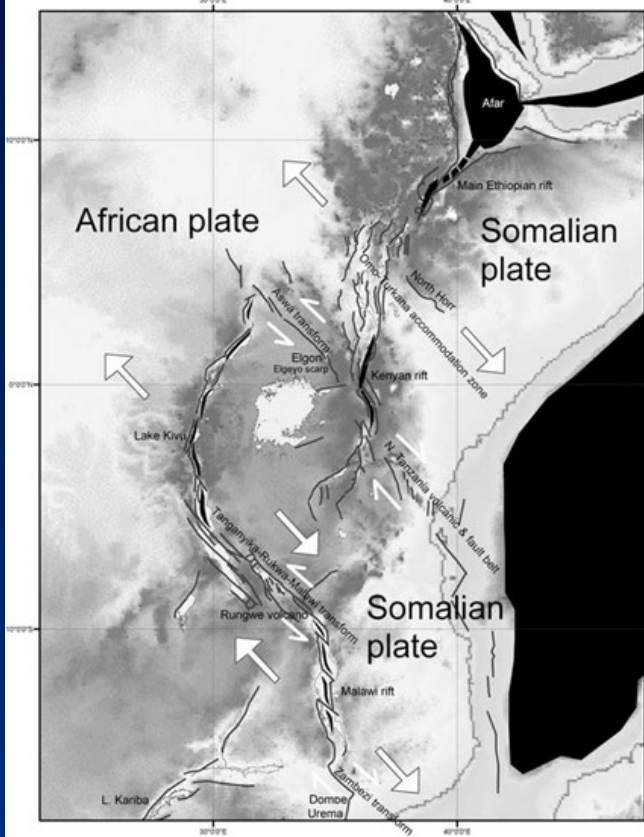


Da van der Pluijm B., Marshak S., 2004

East Pacific Rise, Siqueiros and Clipperton Transform Faults
 Da MGDS Media Bank, 2007
<http://media.marine-geo.org/image/>

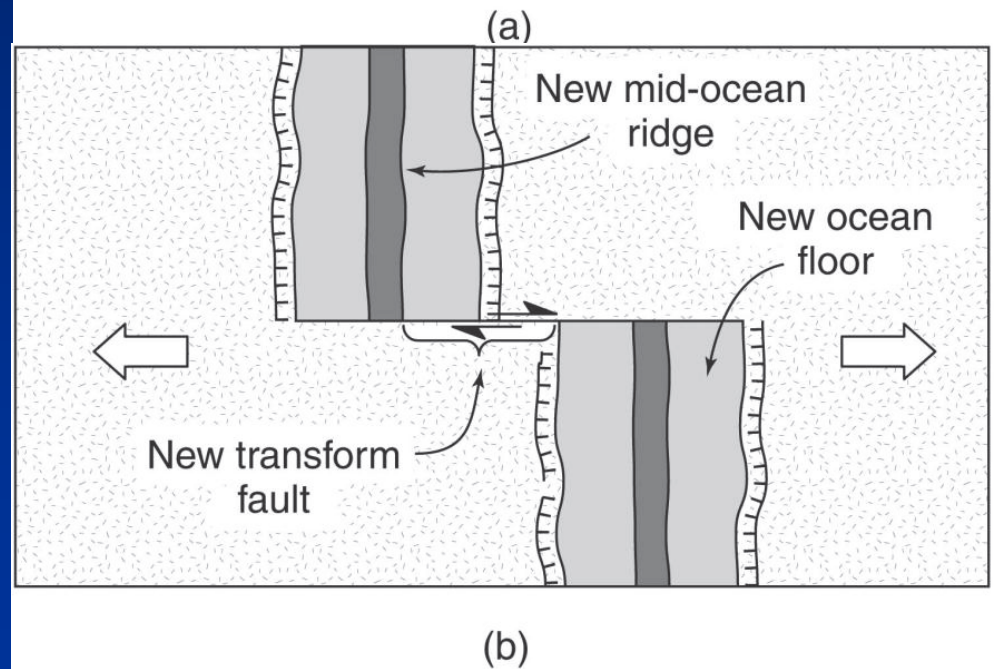
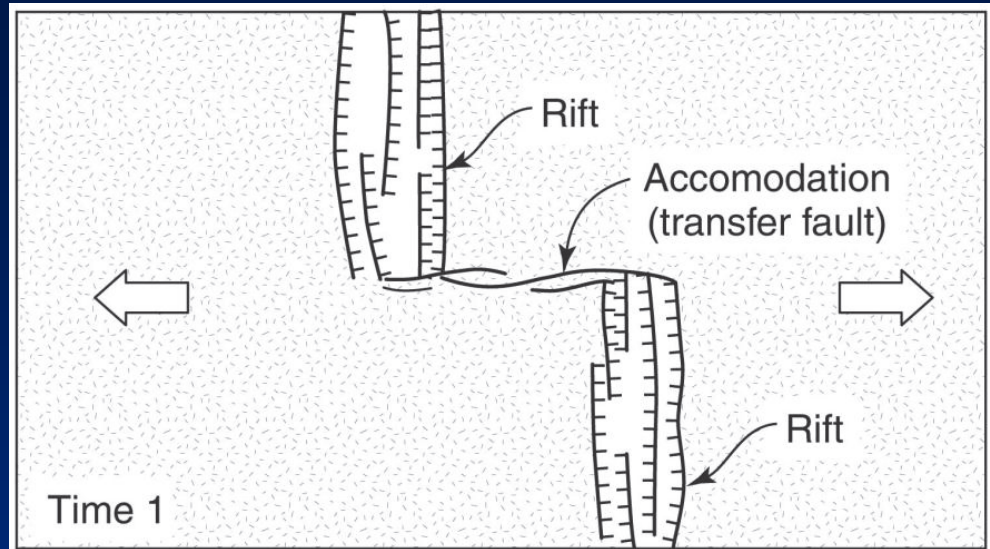


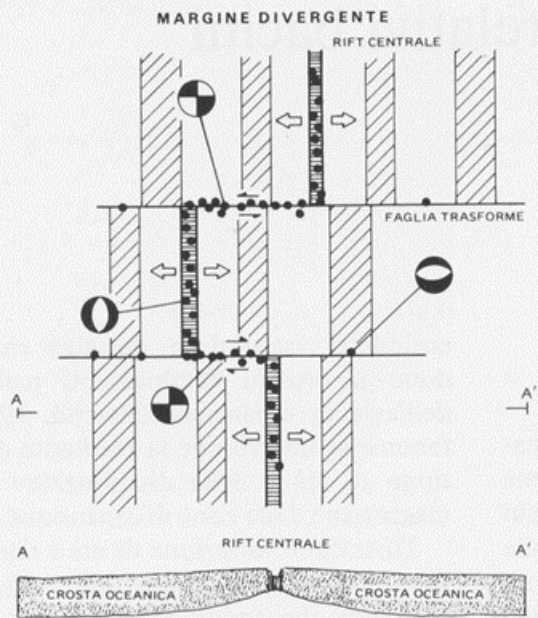
Clipperton Transform Fault
 Da MGDS Media Bank, 2007
<http://media.marine-geo.org/image/>



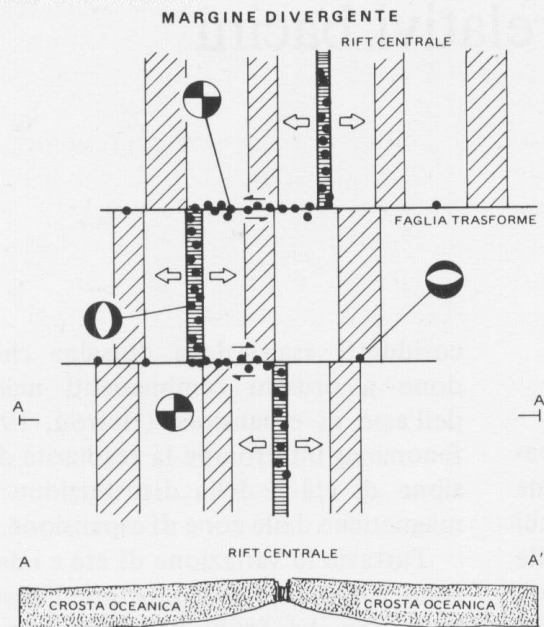
Chorowitz, 2005

Faglie trasformi





- Epicentri di terremoti
- Faglia normale
- ⊕ Faglia trasforme sinistra
- ⊖ Faglia trasforme destra



- Epicentri di terremoti
- Faglia normale
- ⊕ Faglia trasforme sinistra
- ⊖ Faglia trasforme destra