BURDUR GÖLÜNÜN DÜNÜ BUGÜNÜ YARINI

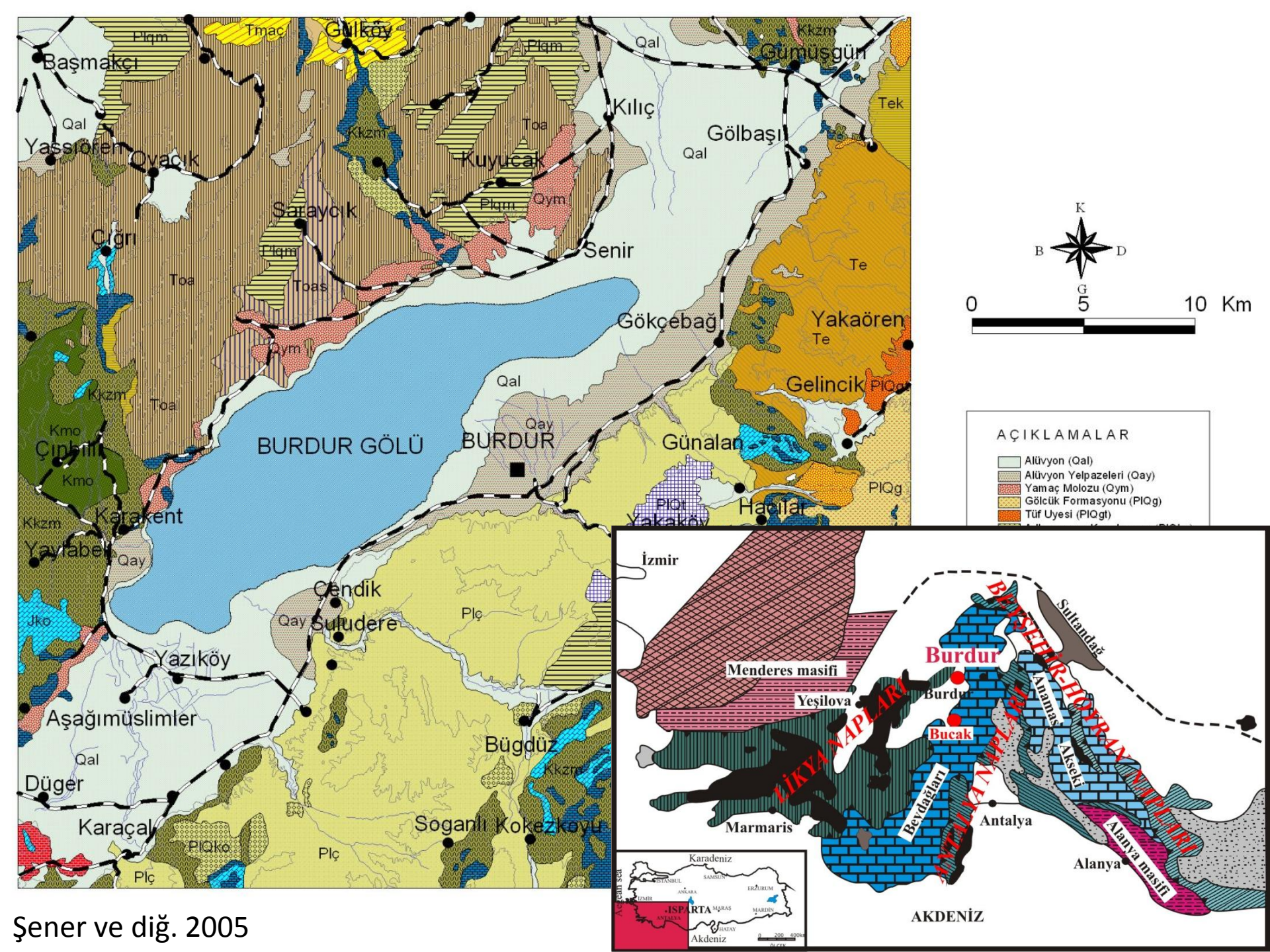
Doç.Dr. Ömer ELİTOK

SDÜ Jeotermal Enerji, Yeraltısuyu ve Mineral Kaynakları AUM

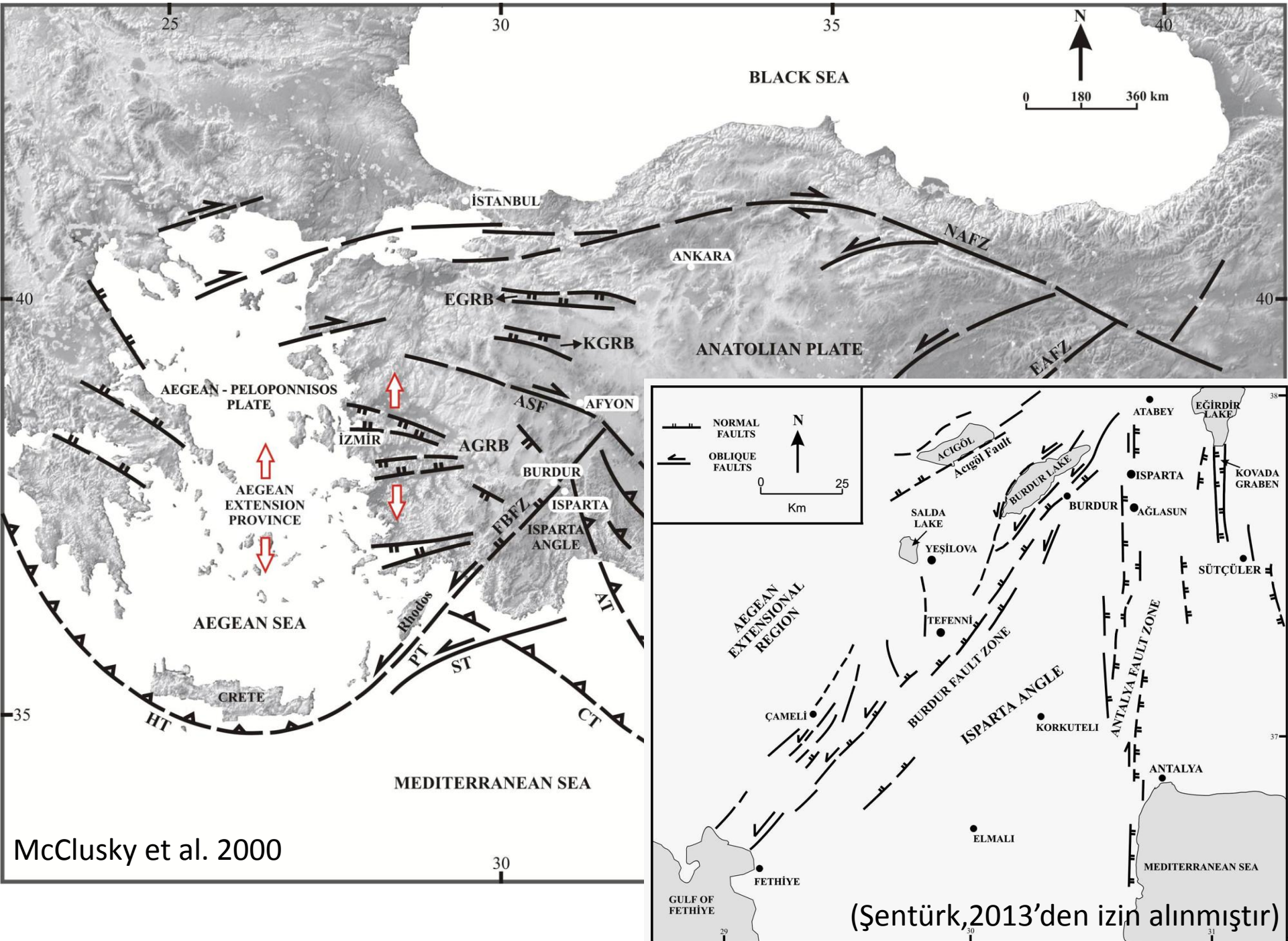
Doç.Dr. İskender GÜLLE

Mehmet Akif ErsoyÜniversitesi

Fen Edebiyat Fakültesi

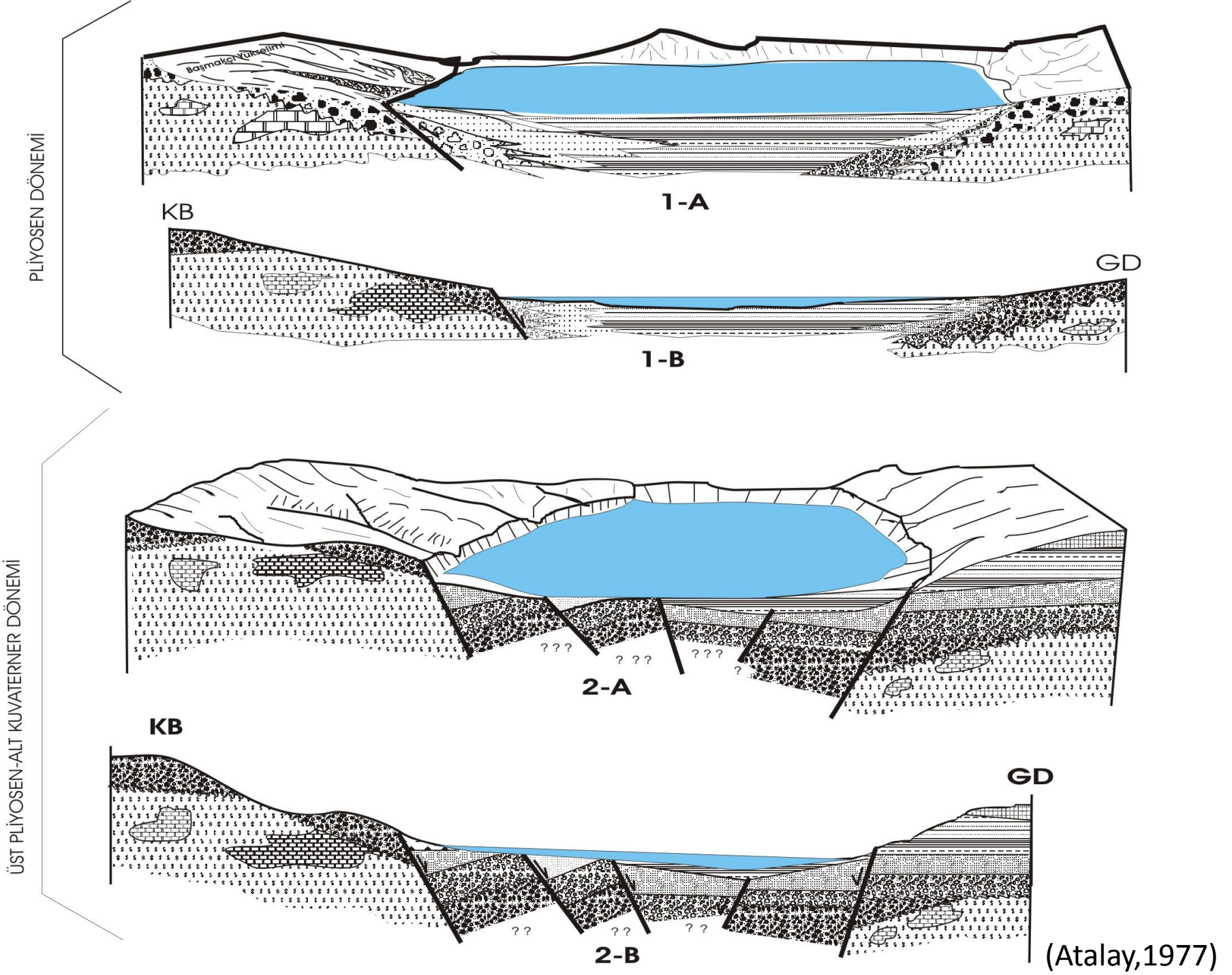


Şener ve diğ. 2005

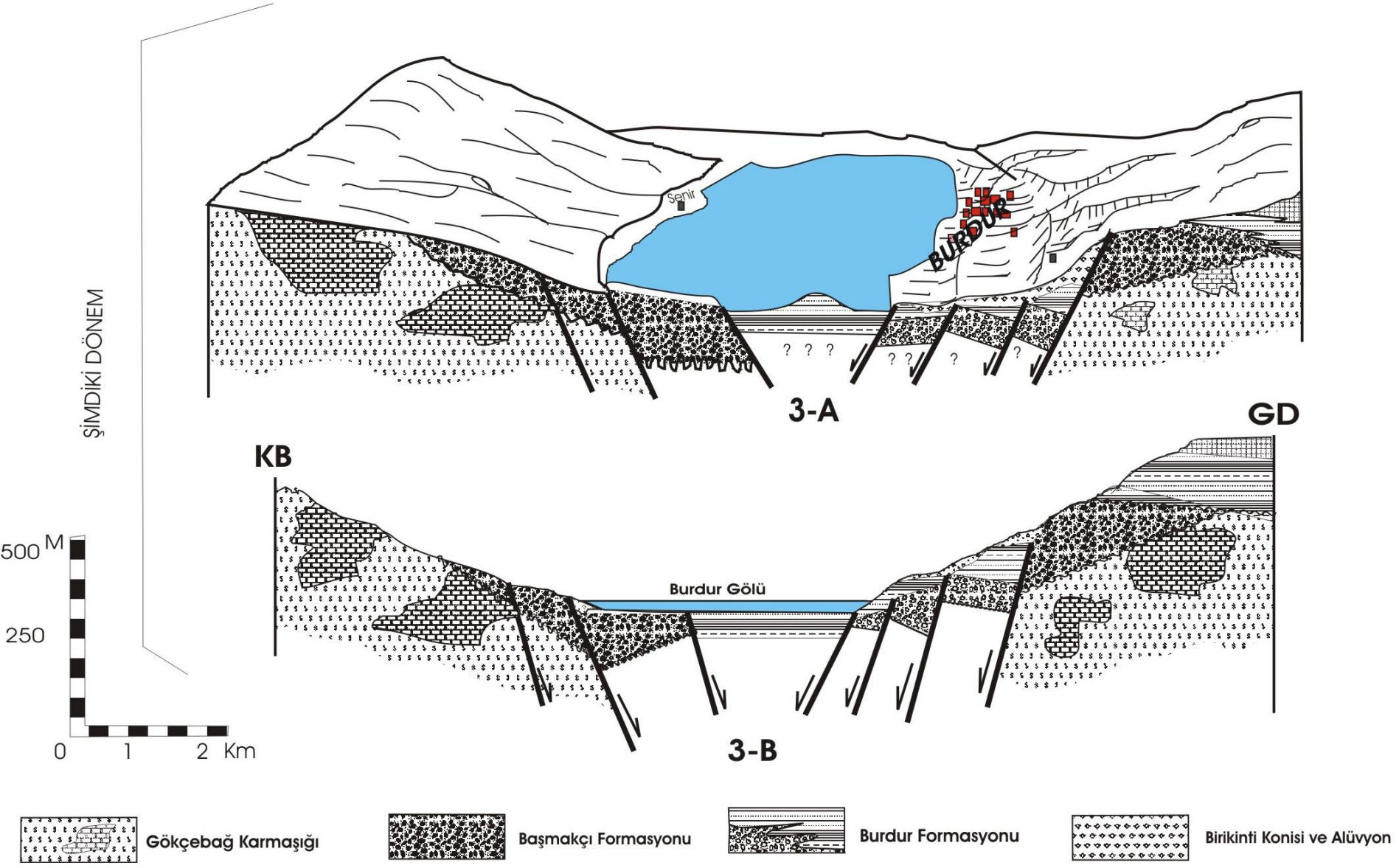


McClusky et al. 2000

(Şentürk,2013'den izin alınmıştır)

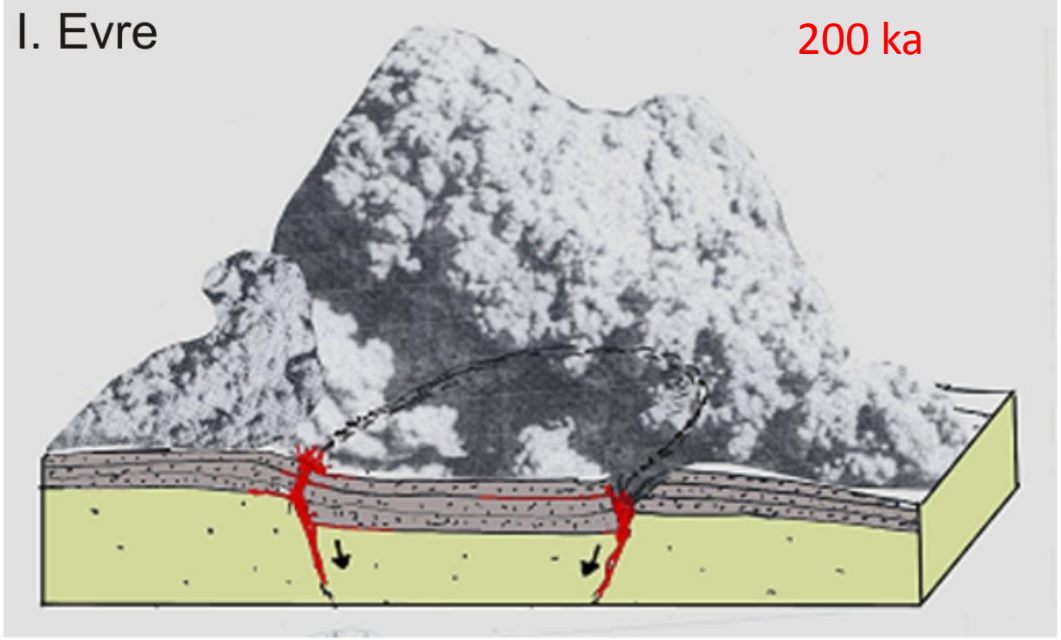

PLİYOSEN DÖNEMİ
Başmakop yükselimi
1-A
KB
GD
1-B
ÜST PLİYOSEN-ALT KUVATERNER DÖNEMİ
2-A
KB
GD
2-B

(Atalay,1977)

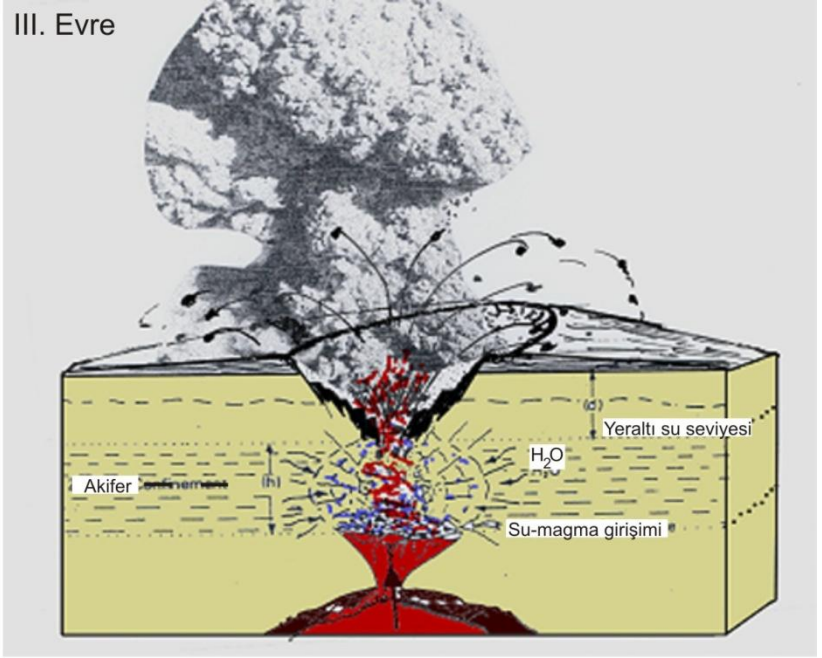

ŞİMDİKİ DÖNEM
Şenir
BURDUR
? ? ?
? ?
?
?
3-A
GD
KB
Burdur Gölü
3-B
500 M
250
0
1
2 Km
Gökçebağ Karmaşığı
Başmakçı Formasyonu
Burdur Formasyonu
Birikinti Konisi ve Alüvyon

(Atalay,1977)

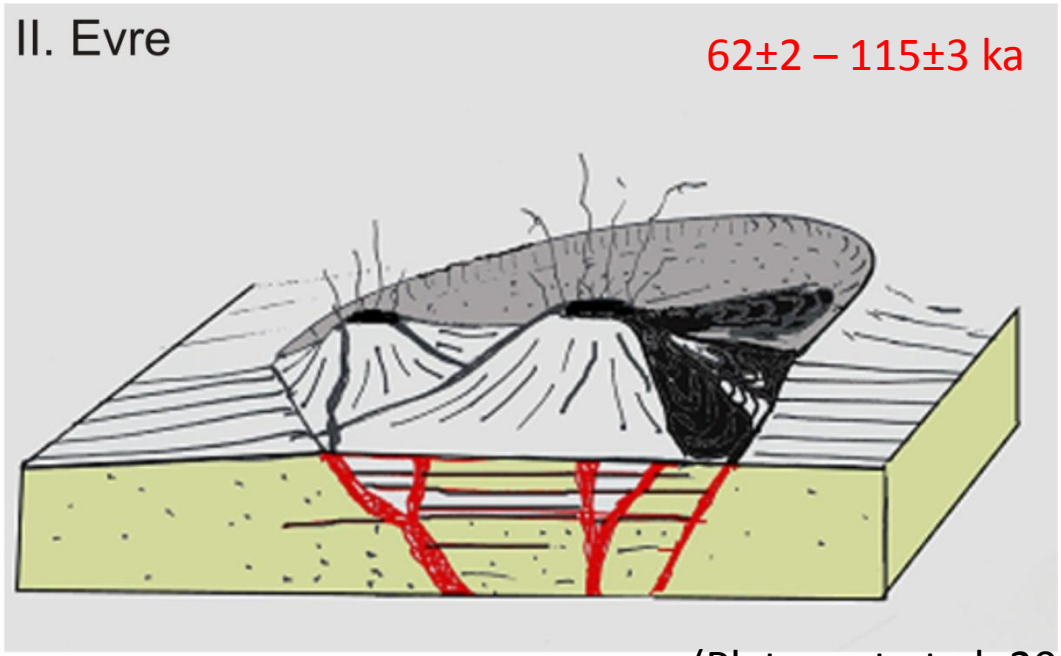

DSI



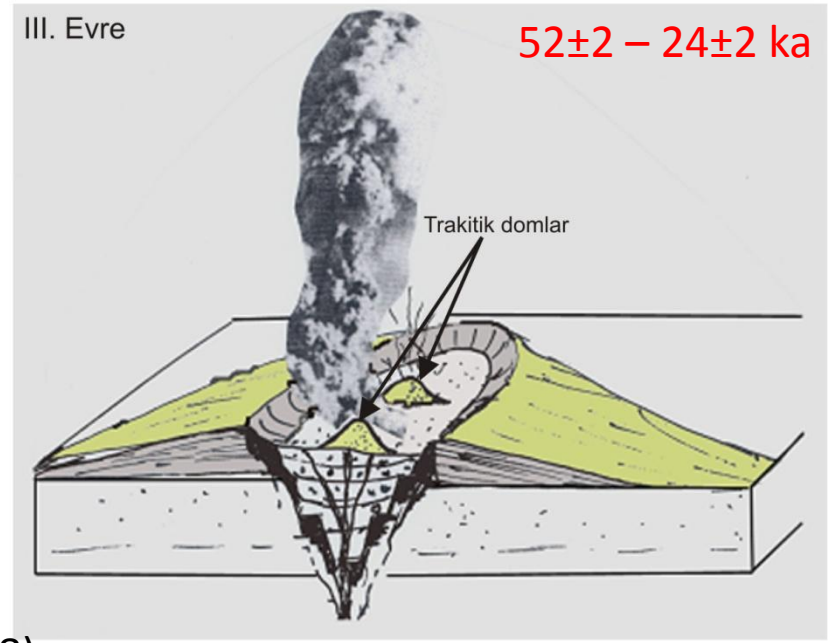
Şekil 5.47. Pliniyen tipi püskürme ve piroklastik akma çökelleri



Şekil 5.49. Phreatopliniyen tipi püskürme ve piroklastik döküntü çökelleri

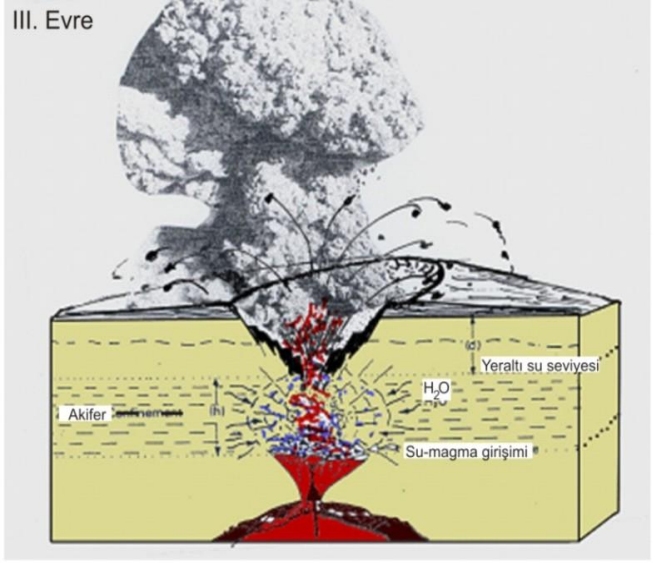


Şekil 5.48. Tefrifonolitik dayk, lav akıntısı ve dom olusumu

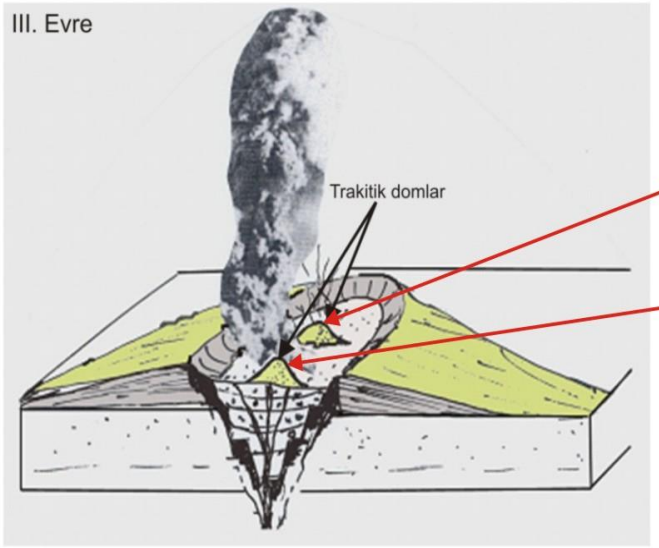


Şekil 5.50. Trakitik bileşimde lav domu oluşumu

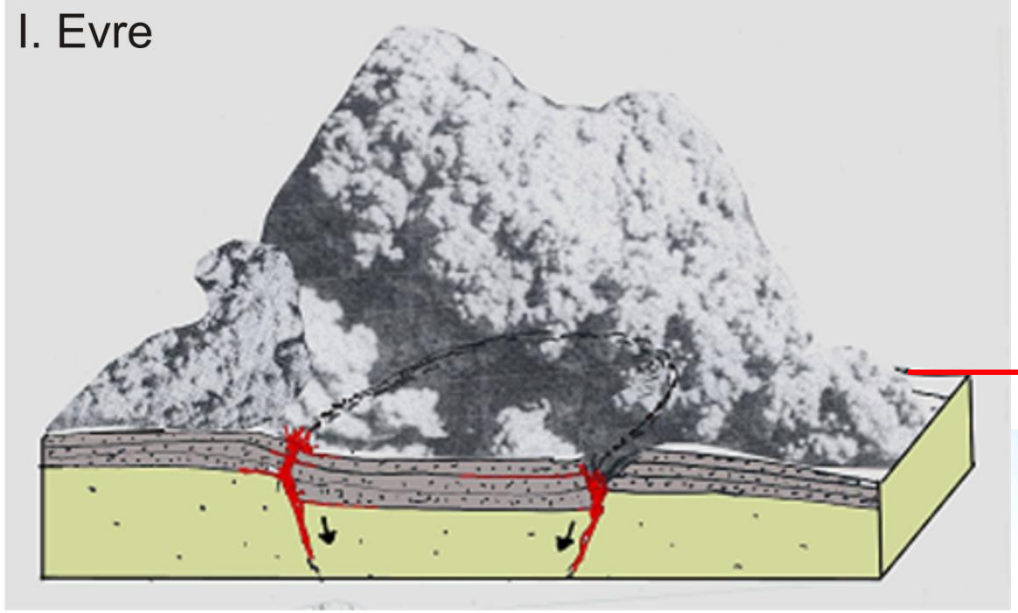
(Platevoet et al.,2008)



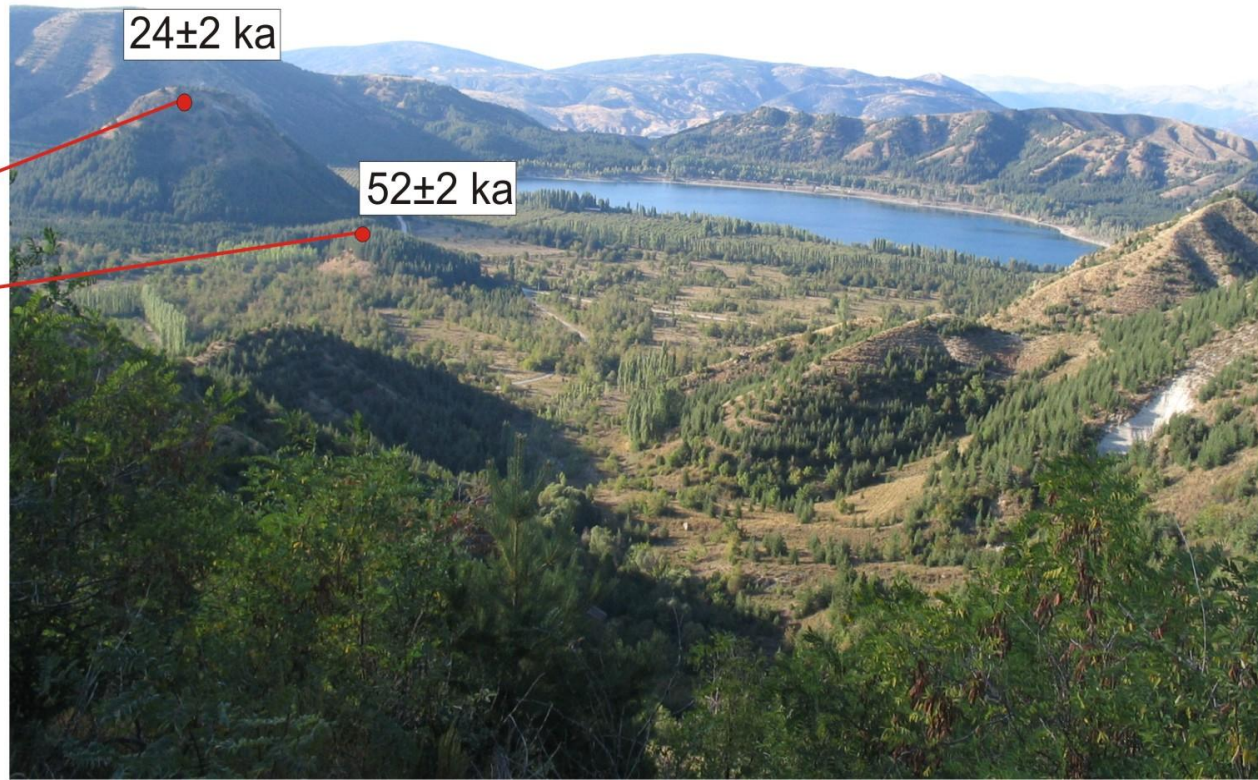
Şekil 5.49. Phreatopliniyen tipi püskürme ve piroklastik döküntü çökelleri

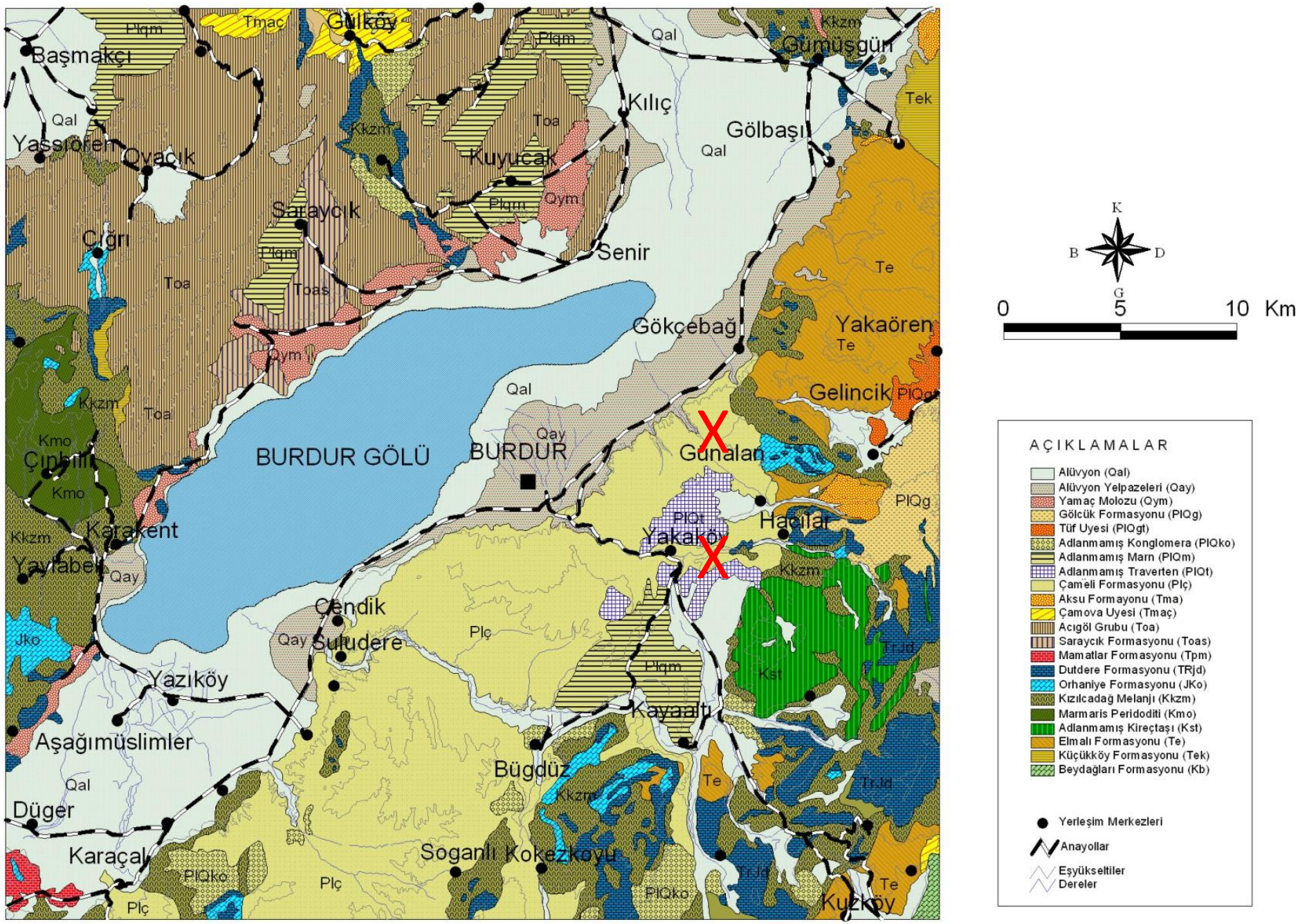


Şekil 5.50. Trakitik bileşimde lav domu oluşumu

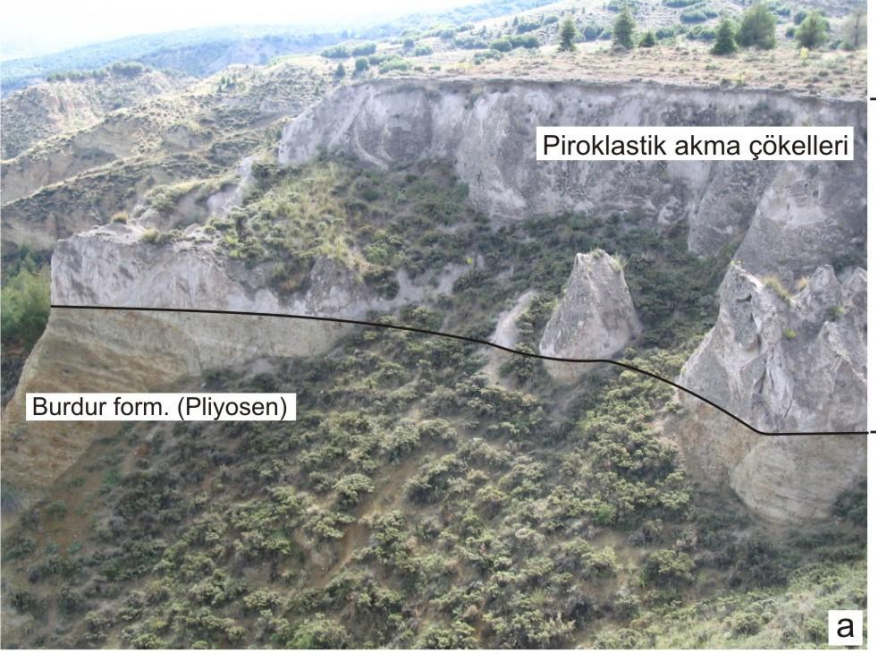


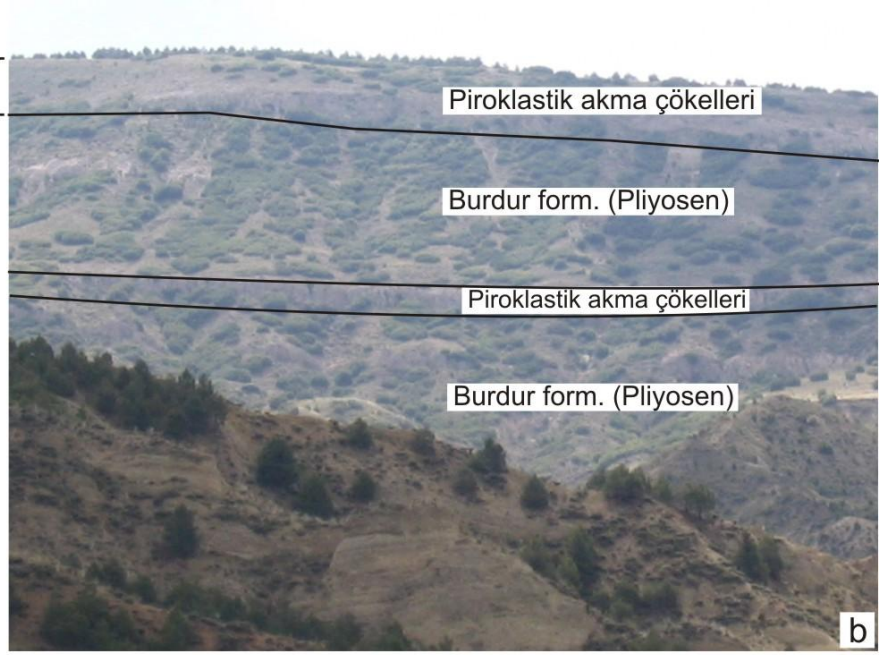
Burdur

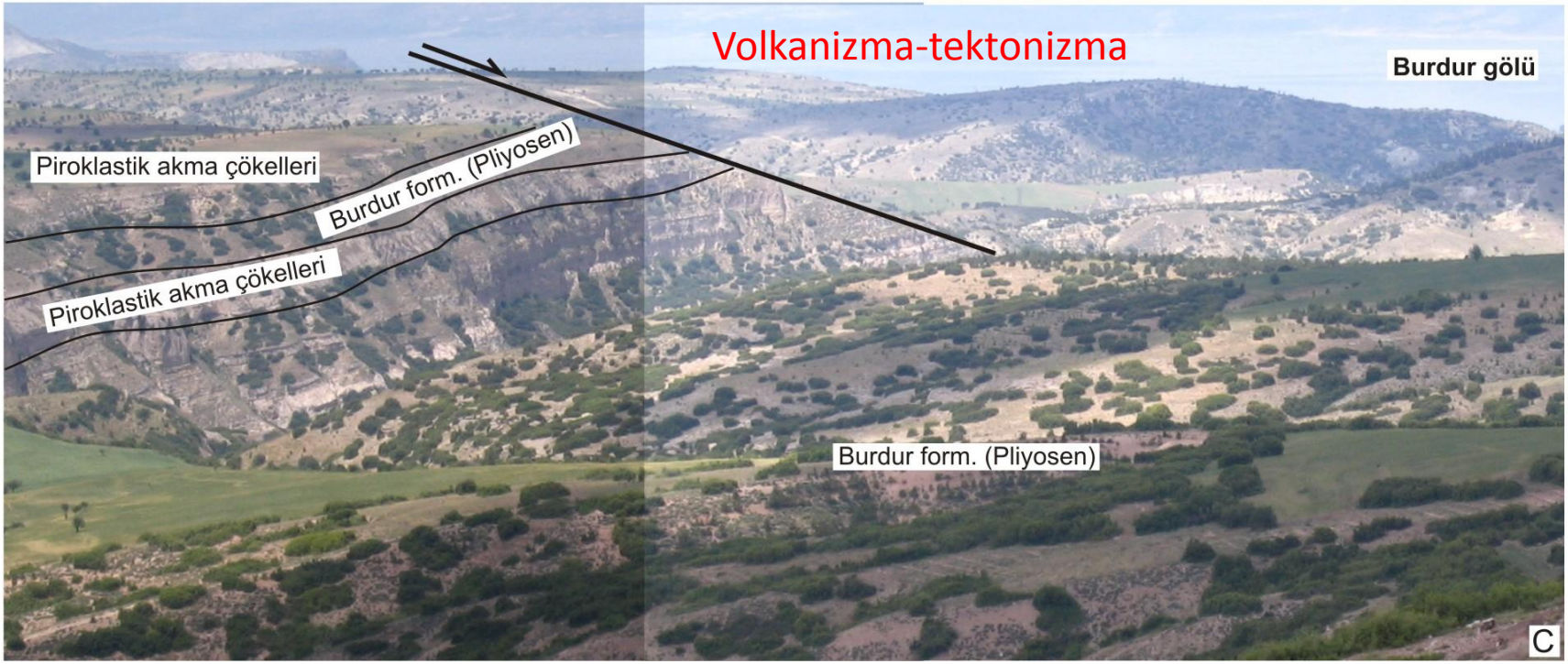




Şener ve diğ. 2005

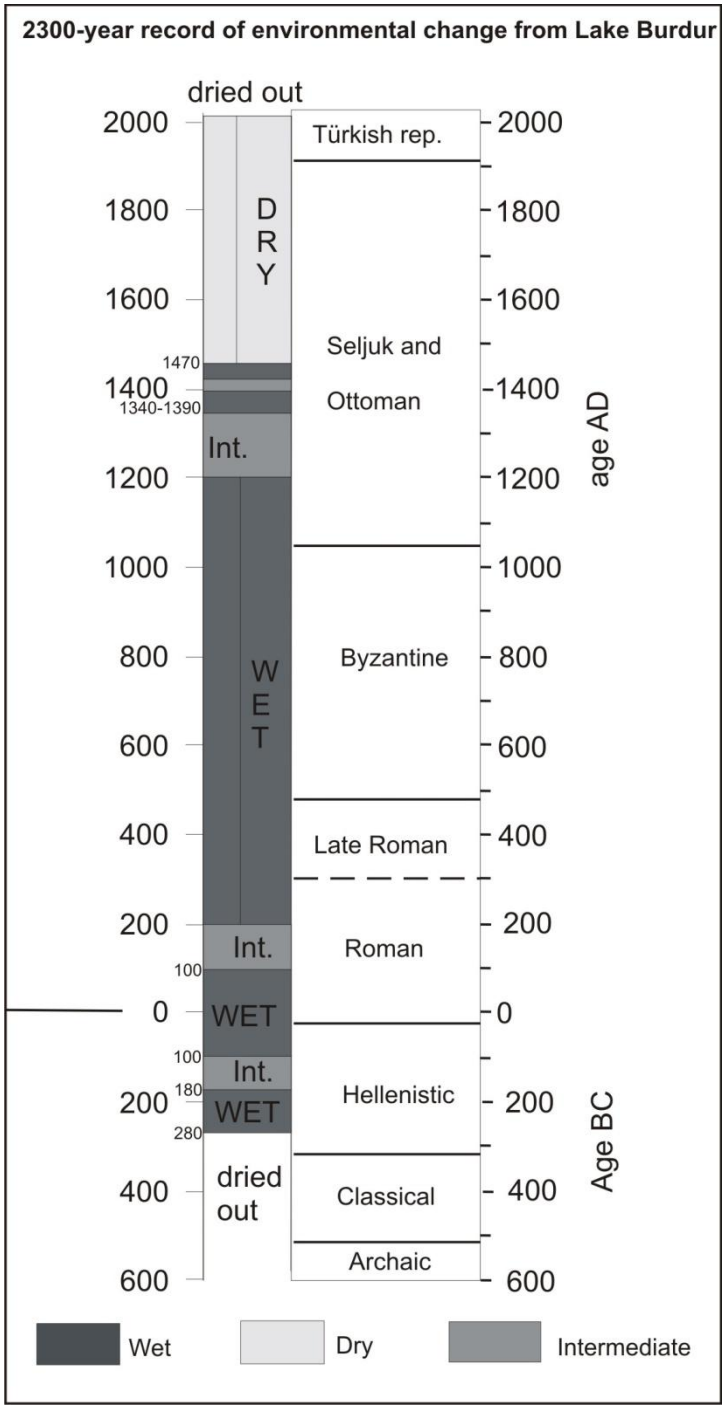

Piroklastik akma çökelleri
Burdur form. (Pliyosen)
a


Piroklastik akma çökelleri
Burdur form. (Pliyosen)
Piroklastik akma çökelleri
Burdur form. (Pliyosen)
b

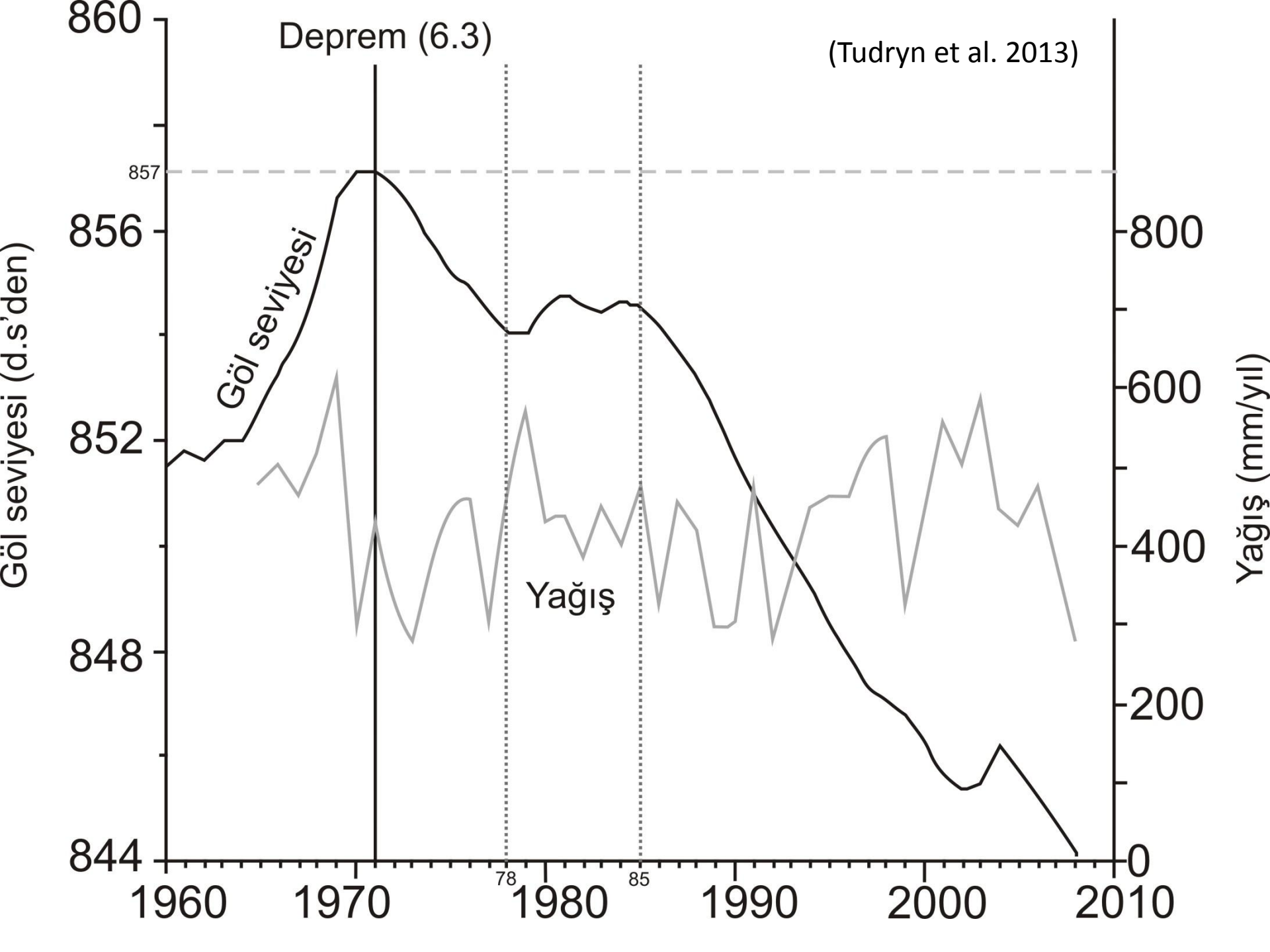

Volkanizma-tektonizma
Burdur gölü
Piroklastik akma çökelleri
Burdur form. (Pliyosen)
Piroklastik akma çökelleri
Burdur form. (Pliyosen)
C

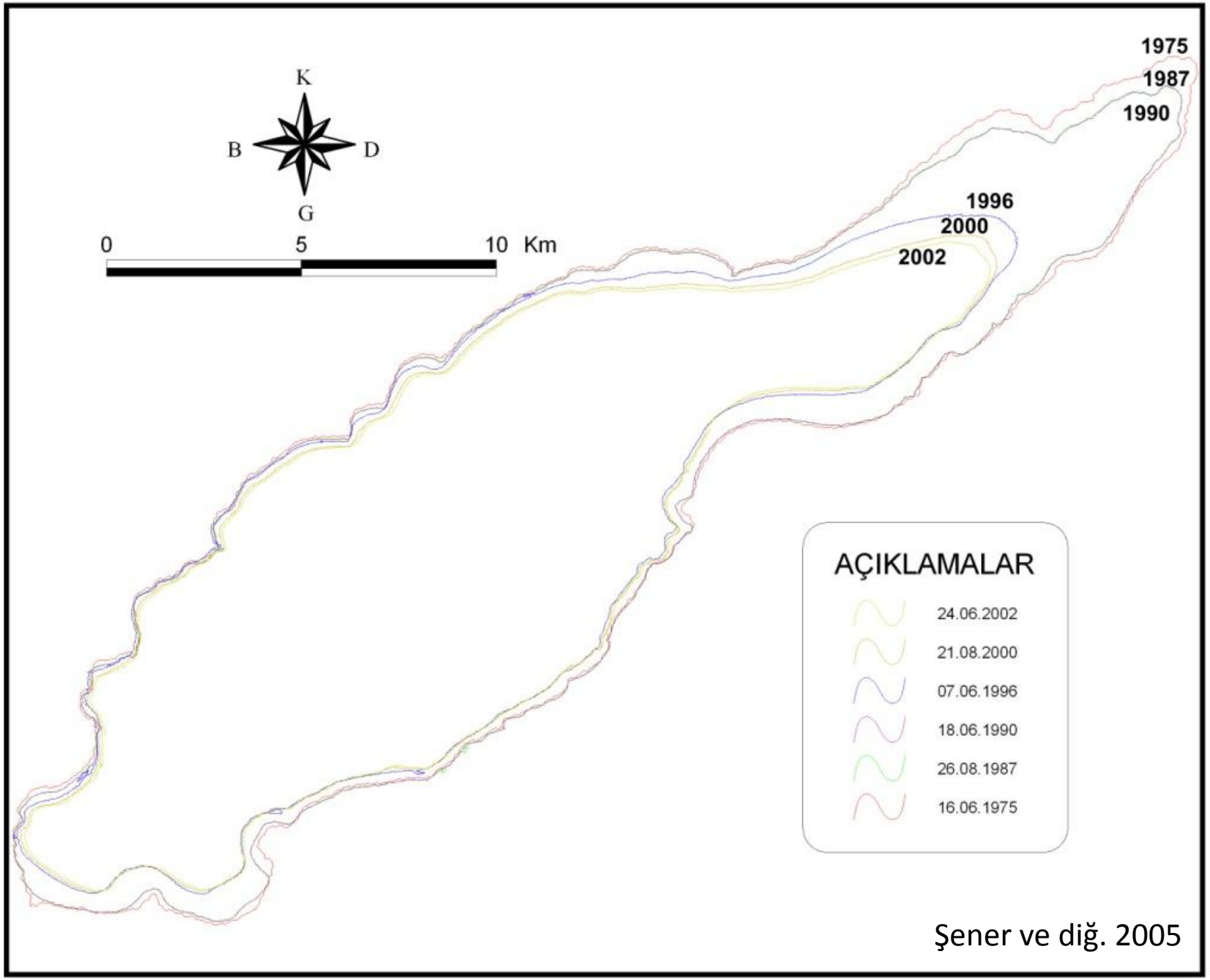

Burdur gölü


-Granulometry
-Clay mineralogy
-magnetic parameters
-Organic carbon study

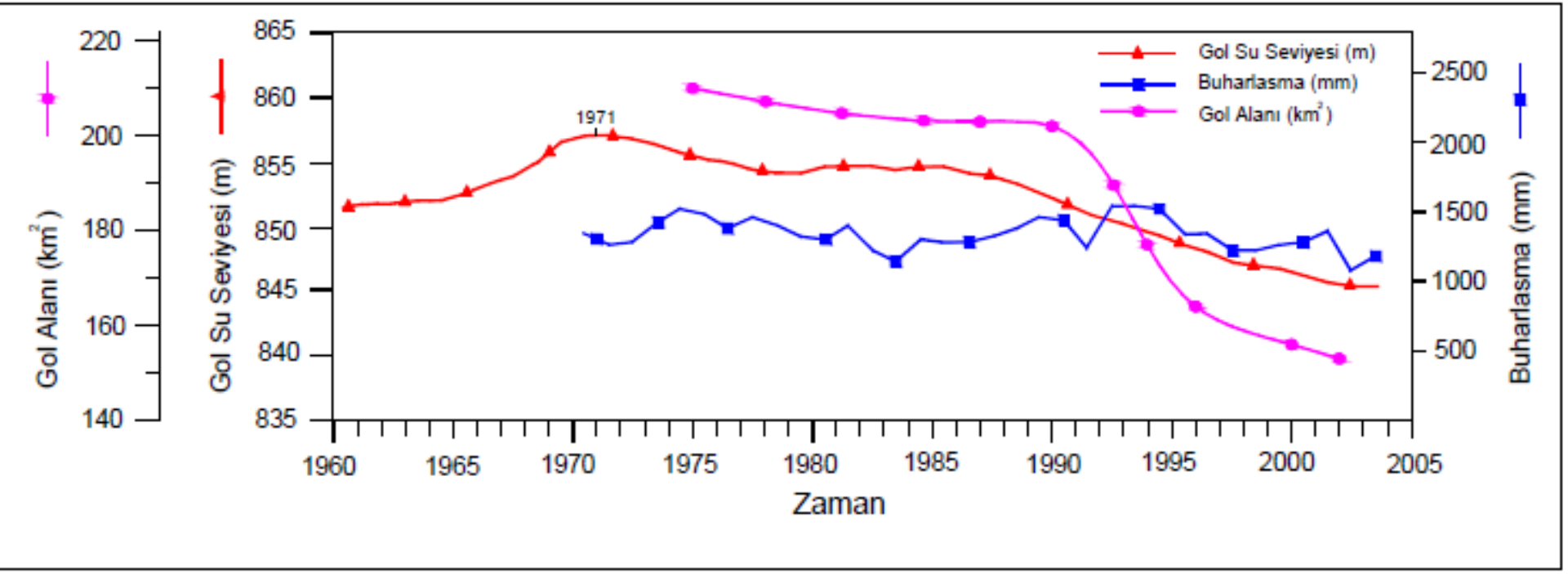


(modified from Tudryn et al. 2013)

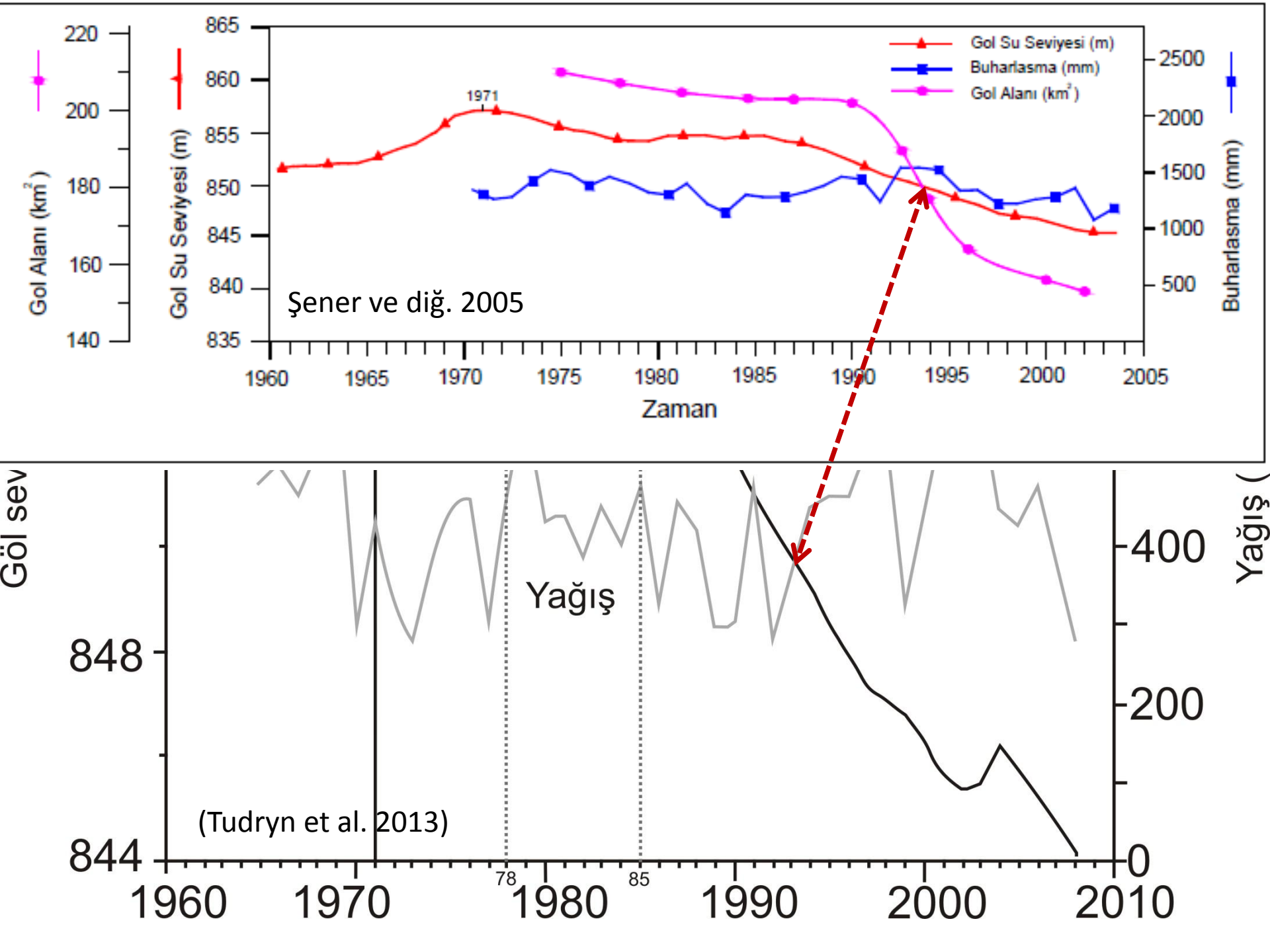

Deprem (6.3)
(Tudryn et al. 2013)
Göl seviyesi
Yağış
Göl seviyesi (d.s'den)
Yağış (mm/yıl)
860
857
856
852
848
844
800
600
400
200
0
78
85
1960
1970
1980
1990
2000
2010



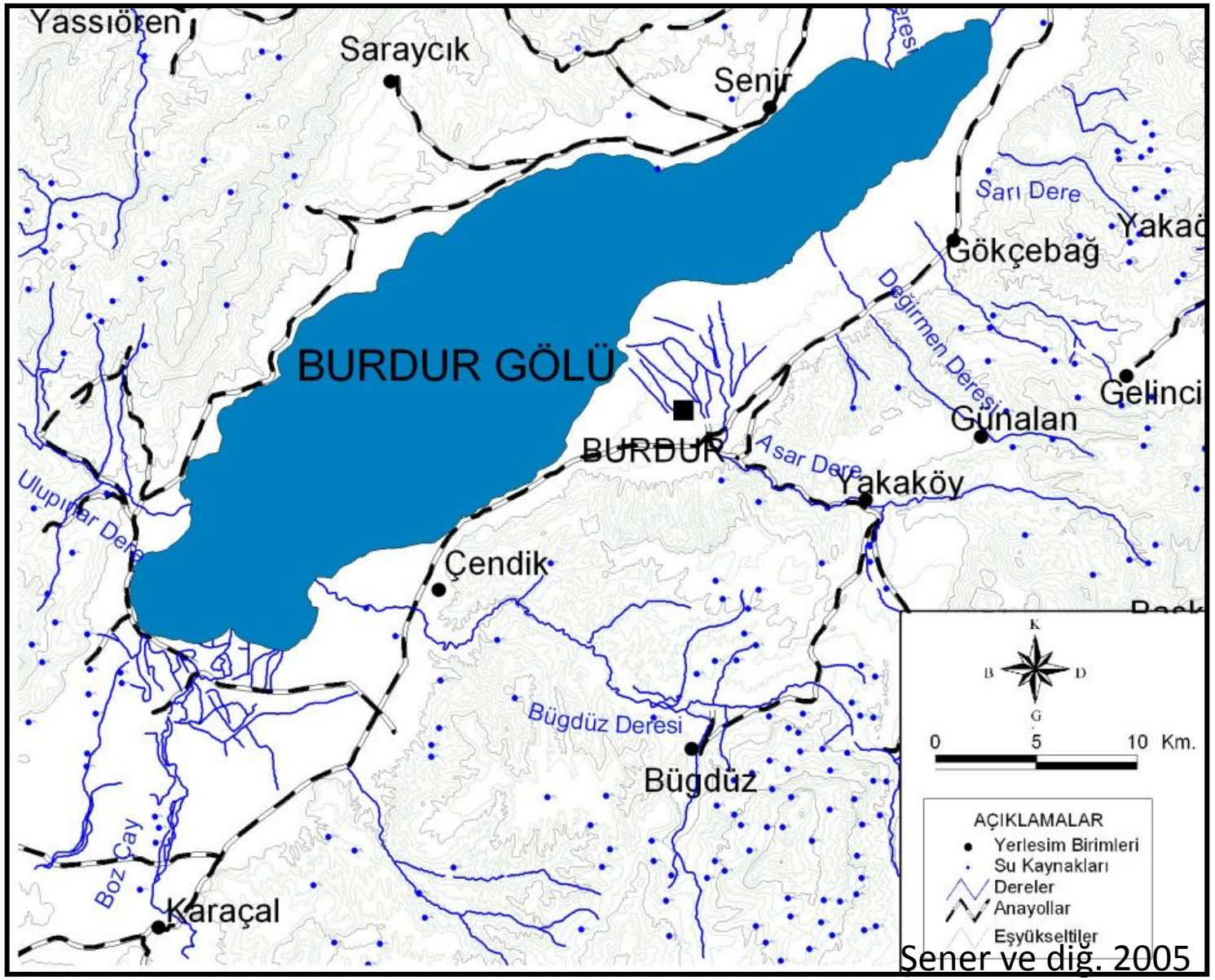
Şener ve diğ. 2005



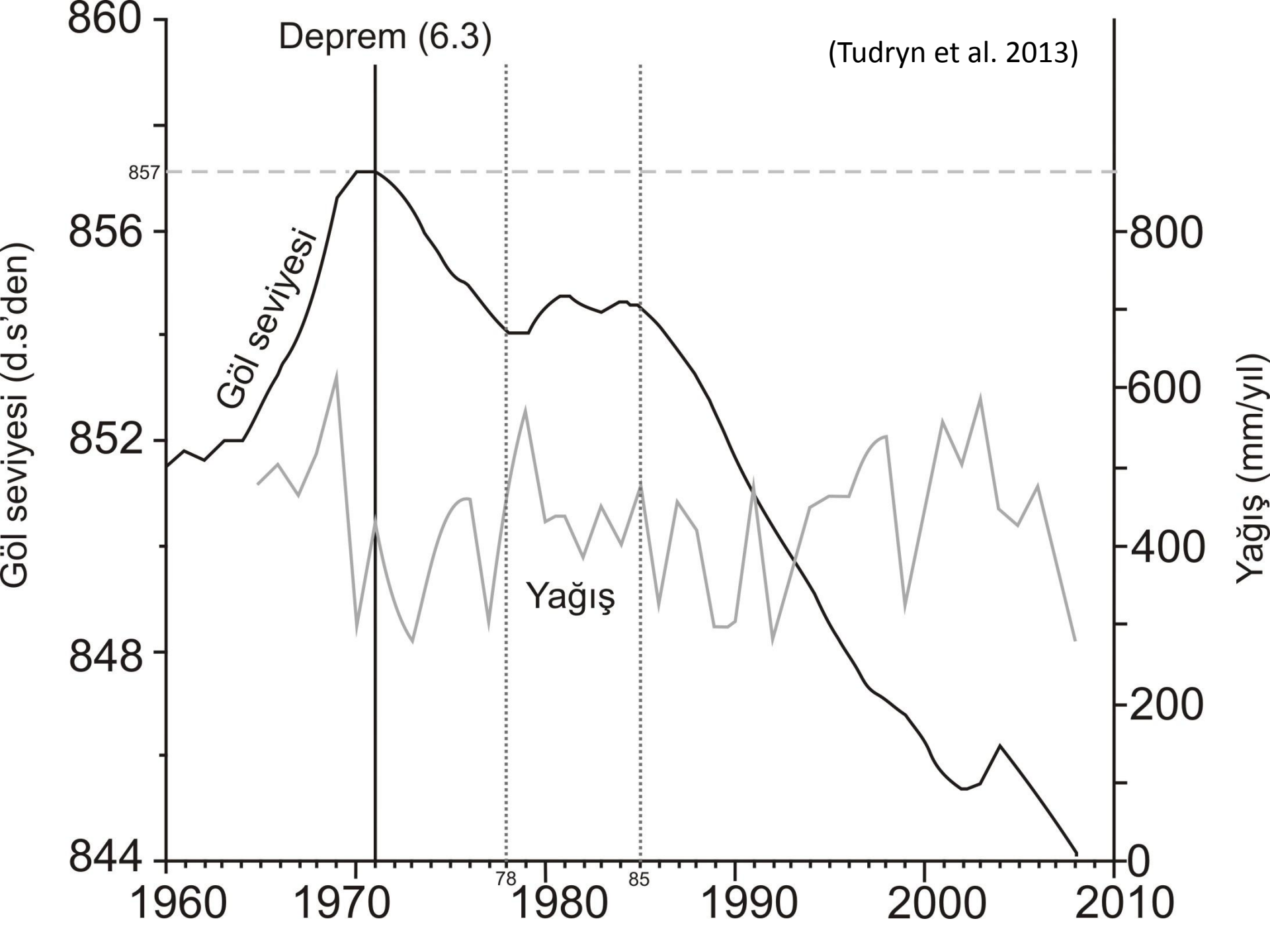
Şener ve diğ. 2005


Gol Alanı (km²)
Gol Su Seviyesi (m)
Buharlasma (mm)
Gol Su Seviyesi (m)
Buharlasma (mm)
Gol Alanı (km²)
1971
Şener ve diğ. 2005
Zaman
Göl sev
Yağış
Yağış (
(Tudryn et al. 2013)
78
85

Burdur lake has been subject to rapid changes in hydrological system that caused ~10-m water level drop in the last 30 years. The present drop in the lake water level is attributed to human activity rather than To climate change



Sener ve diğ. 2005


Deprem (6.3)
(Tudryn et al. 2013)
Göl seviyesi
Yağış
Göl seviyesi (d.s'den)
Yağış (mm/yıl)
860
857
856
852
848
844
800
600
400
200
0
78
85
1960
1970
1980
1990
2000
2010