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Sediment of late Miocene to present age in the Po Basin was calculated from series of depthconverted seismic profiles crossing the entire basin from the Alps to the Apennines. These were converted to volumes by multiplying area by half the distance to each of the adjacent profiles. Five profiles were measured with data sources given in Table (1). For late Miocene section, stratigraphy of Roveri et al., (1998) and Fantoni et al., (2001) was used.

In addition, we included sediment volumes for the Pliocene section in the Adriatic from Bartolini et al. (1996) and for the middle to late Miocene Marnoso-Arenacea from Gandolfi et al. (1983) following the assumptions of Kuhlemann (2000).

| Profile. | (1) | (2) Val | (3) Modena | (4) Castel | (5) | TOTAL |
|---------------|--------------|-------------|--------------|-------------|-------------|--------|
| Location and | Monferrato | Trebbia – | – Verona | S. Pietro – | Gabicce- | VOLUME |
| perpendicular | – lake | Lake Iseo | (Distance to | Ferrara | Pola | (Cubic |
| distance to | Lugano. | (Distance | (2),80 km) | (Distance | (Distance | km) |
| adjacent | (Distance to | to (1), 100 | | to (3), 75 | to (4), 120 | |
| section. | western | km) | | km) | km) | |
| | boundary of | | | | | |
| | Po domain | | | | | |
| | 50 km) | | | | | |
| Data Source | Pieri and | Pieri and | Pieri and | Pieri and | Barchi et | |
| | Groppi | Groppi | Groppi | Groppi | al. (1998) | |
| | (1981) | (1981) | (1981), | (1981), | CROP 3 | |
| | Section 2 | Section 5 | Section 9, | Section 10 | | |
| | Fantoni et | See also | Re- | Cf Casero | | |
| | al., (2002) | Casero | interpreted | (2004), | | |
| | | (2004) | with ENI- | Section 3b | | |
| | | Section 2c | Agip, | | | |
| | | | unpublished | | | |
| Serravallian | | | | | | 11400 |
| Langhian | | | | | | |
| Tortonian | | | | | | 6100 |
| Messinian | 12.5 | 24.4 | 66 | 52 | 48 | 16200 |
| post- | | | | | | |
| evaporites | | | | | | |
| Lower | 50 | 60 | 68 | 60 | 40.8 | 22700 |
| Pliocene | | | | | | |
| Middle and | 20 | 10.8 | 130.8 | 52 | 42 | 20200 |
| upper | | | | | | |
| Pliocene | | | | | | |
| Quaternary | 22.5 | 58 | 197.5 | 105.8 | 136 | 40700 |

Data from the northern drainage basins were taken from (Kuhlemann (2000), and checked against Hay et al. (1992).

DRT (1): Profile location, source, and cross-sectional area of sediment in square kilometers by stratigraphic age for Po basin. Last column gives total sediment volume in Po, Adriatic and Marnoso Aranacea basins.

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