

# ESSAY OF GEOMORPHOLOGICAL MAPPING IN THE PO PLAIN (ITALY)

Scale 1:250 000

Pedemontane area (F.86 Modena - F.87 Bologna)

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Po delta (F.77 Comacchio)

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|--|-----------------------------|--|-------------------------------------|--|------------------------------|
|  | Shoreline                   |  | Well preserved traces of paleobed   |  | Levelled dunes               |
|  | Sea (and lagoon) waters     |  | Poorly preserved traces of paleobed |  | Loess                        |
|  | Internal waters             |  | Traces of abandoned braided streams |  | Simple elevated beach ridge  |
|  | Swamp                       |  | River diversion (age, if known)     |  | Simple levelled beach ridge  |
|  | River bed, canal            |  | Well-elevated fluvial ridge         |  | Complex elevated beach ridge |
|  | High-water bed              |  | Slightly elevated fluvial ridge     |  | Complex levelled beach ridge |
|  | Lagoon channel              |  | Wide, gently convex fluvial ridge   |  | Complex buried beach ridge   |
|  | Sediments, mainly gravel    |  | Crevasse channel                    |  | Prograding beach             |
|  | Sediments, mainly sand      |  | Crevasse spay                       |  | Retreating beach             |
|  | Sediments, mainly silt-clay |  | Border of relative depression       |  | Active lagoon mouth          |
|  | Paleo-soils                 |  | Dunes                               |  | Abandoned lagoon mouth       |

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|--|--|--|----------------------------|--|--|
|  | Active lagoon delta                    |  | Suspended river            |  | Historical city center                   |
|  | Inactive lagoon delta                  |  | Main levees (of river too) |  | Salina                                   |
|  | Tidal flat                             |  | Main canal                 |  | Margin of relief rising above plain      |
|  | Inactive lagoon channel                |  | Channelled river stretch   |  | Mass wasting near the plain border       |
|  | Inner boundary of recent lagoon basins |  | Lagoon canal (artificial)  |  | 0m contour and areas under the sea level |
|  | Fault scarp                            |  | Beach defences             |  |  |
|  | Tectonic escarpment                    |  | Seaward and/or inland dam  |  |  |
|  | Very large quarry                      |  | Main fluvial barrages      |  |  |
|  | Very large, flooded quarry             |  | Wash land                  |  |  |
|  | Smaller quarries                       |  | Abandoned canal            |  |  |
|  | Embankment, landfill                   |  | Main built-up areas        |  |  |

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