

Title: EpiGIS: a WebGIS for the knowledge of the epigraphic locations in the Eastern *Decima Regio, Venetia et Histria*, of Roman Italy  
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We present a geographic web-distributed information system relative to the epigraphic legacy of the Eastern *Decima Regio* of Roman Italy (*Aquileia, Forum Iulii, Iulium Carnicum, Tergeste, Pola, Parentium, Nesactium, Emona*), which amounts to around 6600 Greek and Latin inscriptions. The recurring scattering of spolia for re-use as building material in the late ancient, medieval and modern ages and the wide diaspora of many inscribed monuments for collections and the revitalizing of modern buildings make a WebGIS the ideal operational tool.

The information contained in the EDR database is displayed by means of a series of geo-referenced polygons on digital interactive cartography which shows the primary and secondary locations of discovery and the current place of conservation of the monument. The trial version is available at <http://140.105.115.134/epigis/index.html>.

The scientific goals are: 1) to map the inscriptions found *in situ* in order to reconstruct the ancient epigraphic landscape of the region; 2) to display the places of re-use, in order to identify the contexts and recurring flows of re-use related to different moments in local history, which are valuable clues for identifying the original context of many monuments; 3) to display the routes of collecting; 4) to recover and make available the historical cartography, linking it, when possible, to single monuments; 5) to retrieve the micro-toponymy and its variations over time; 6) to make available synoptic maps of the places of current conservation of inscriptions.

This tool is available to all (scholars, students, tourists) thanks to its intuitiveness and ease of use.

The tool we use is Leaflet (available at: <http://leafletjs.com>), one of the most popular open-source JavaScript libraries. It works efficiently across all major and mobile platforms. It makes it possible to build both simple maps or more complex ones. The user can choose between several free and privately owned basemaps: Google Satellite; MapQuestOpen OSM (default basemap); OSM Standard; OSM Black & White ; Stamen Toner.

Starting from a single discovery/re-use place, the user can: 1) view the picture of the epigraph (if available); 2) read the EDR report by a direct web link to the International EDR database; 3) map the current position of the inscription.

References: C. Zaccaria, F. Mainardis, C. Gomezel, L. Cigaina, *Progetto epigrafia: le iscrizioni del Friuli Venezia Giulia dalla pietra al database e all'immagine digitale*, in "Notiziario della Soprintendenza per i Beni Archeologici del Friuli Venezia Giulia", 5, 2010, pp. 28-29; C. Zaccaria, *Spolia epigrafici a Trieste, Aquileia e in Friuli*, in "Antichità Altoadriatiche", 74, 2012, pp. 33-46; P. Crickard III, *Leaflet Essential*, Packt Publishing 2014 ([www.PacktPub.com](http://www.PacktPub.com)).

