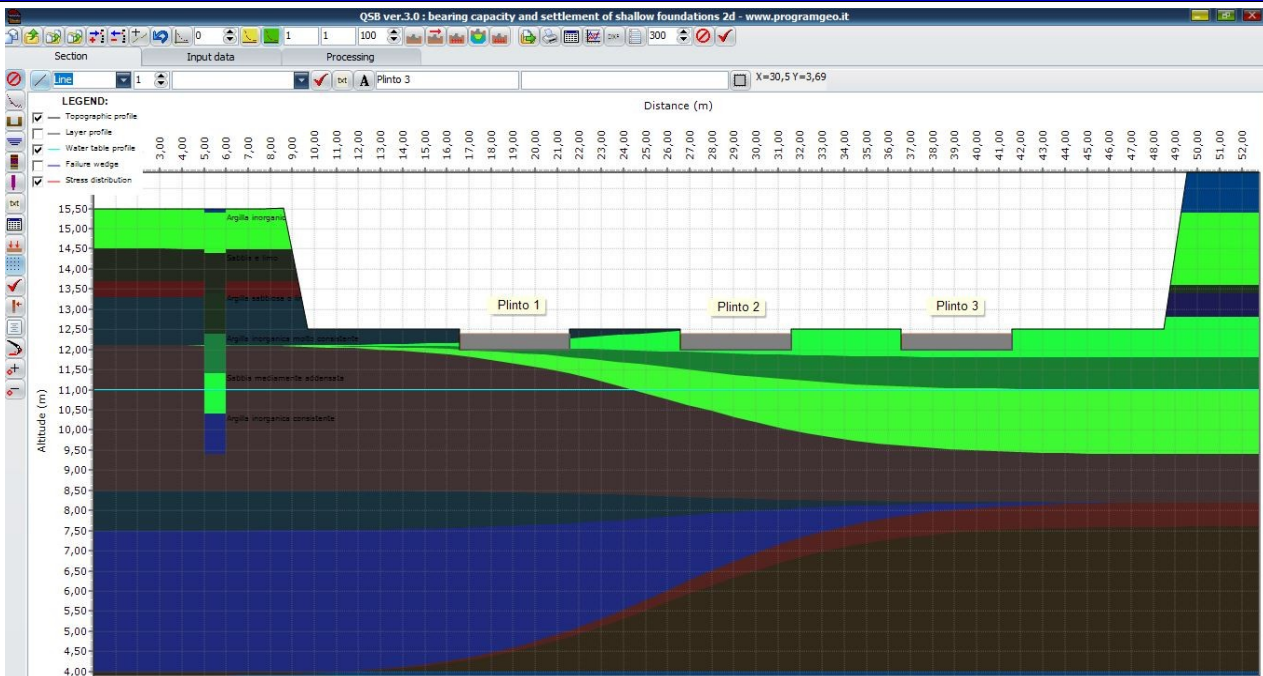


# QSB2d ver.3:

geotechnical analysis of shallow foundations.  
 Analisi geotecnica di fondazioni superficiali.



**Bearing capacity (both static and seismic conditions) . Capacità portante (in condizioni statiche e sismiche):**

**Terzaghi;**

**Meyerhof;**

**Vesic;**

**Brinch Hansen;**

**Modified Brinch Hansen;**

**Froelich.**

**Sliding resistance (both static and seismic conditions) – resistenza allo scorrimento (in condizioni statiche e sismiche).**

**Immediate, consolidation and secondary settlements (both rigid and flexible foundations, both static and seismic conditions) – cedimenti immediati, di consolidazione e secondati (fondazioni rigide e flessibili, in condizioni statiche e sismiche):**

**Theory of elasticity – teoria dell’elasticità;**

**Schmertmann;**

**Lee et al.;**

**Salgado;**

**By consolidation test – da prove edometriche.**

**Modulus of subgrade reaction (both rigid and flexible foundations) – modulo di Winkler (fondazioni rigide e flessibili):**

**Vesic.**

**Heave in expansive soils – sollevamento in terreni espansivi:**

**Johnson & Snethen;**

**O'Neil & Ghazzaly.**

