

Gestione rigenerativa dell'acqua in collina

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3. Allearsi con le forme del paesaggio

3.1 elementi di topografia base

l'importanza delle curve di livello

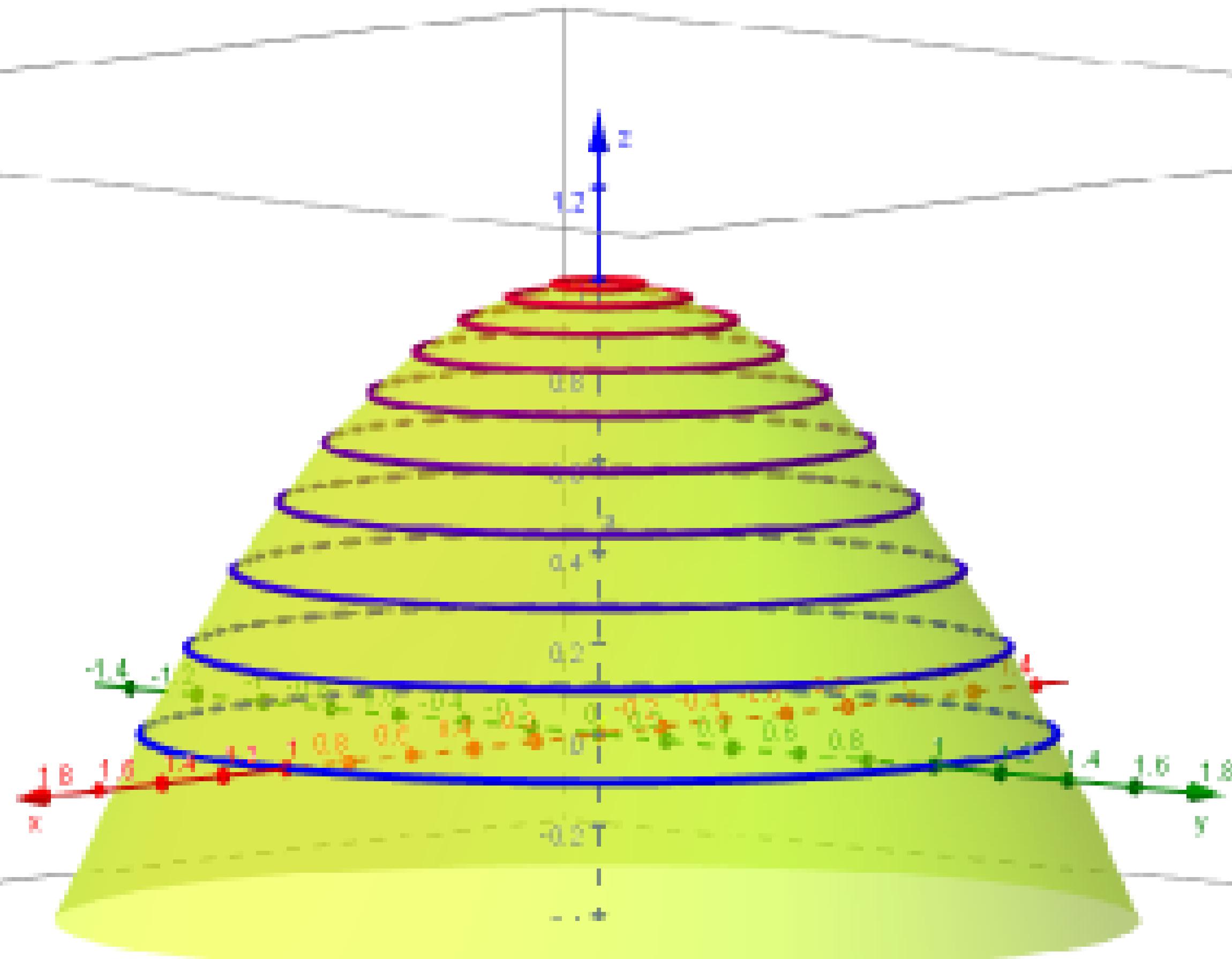
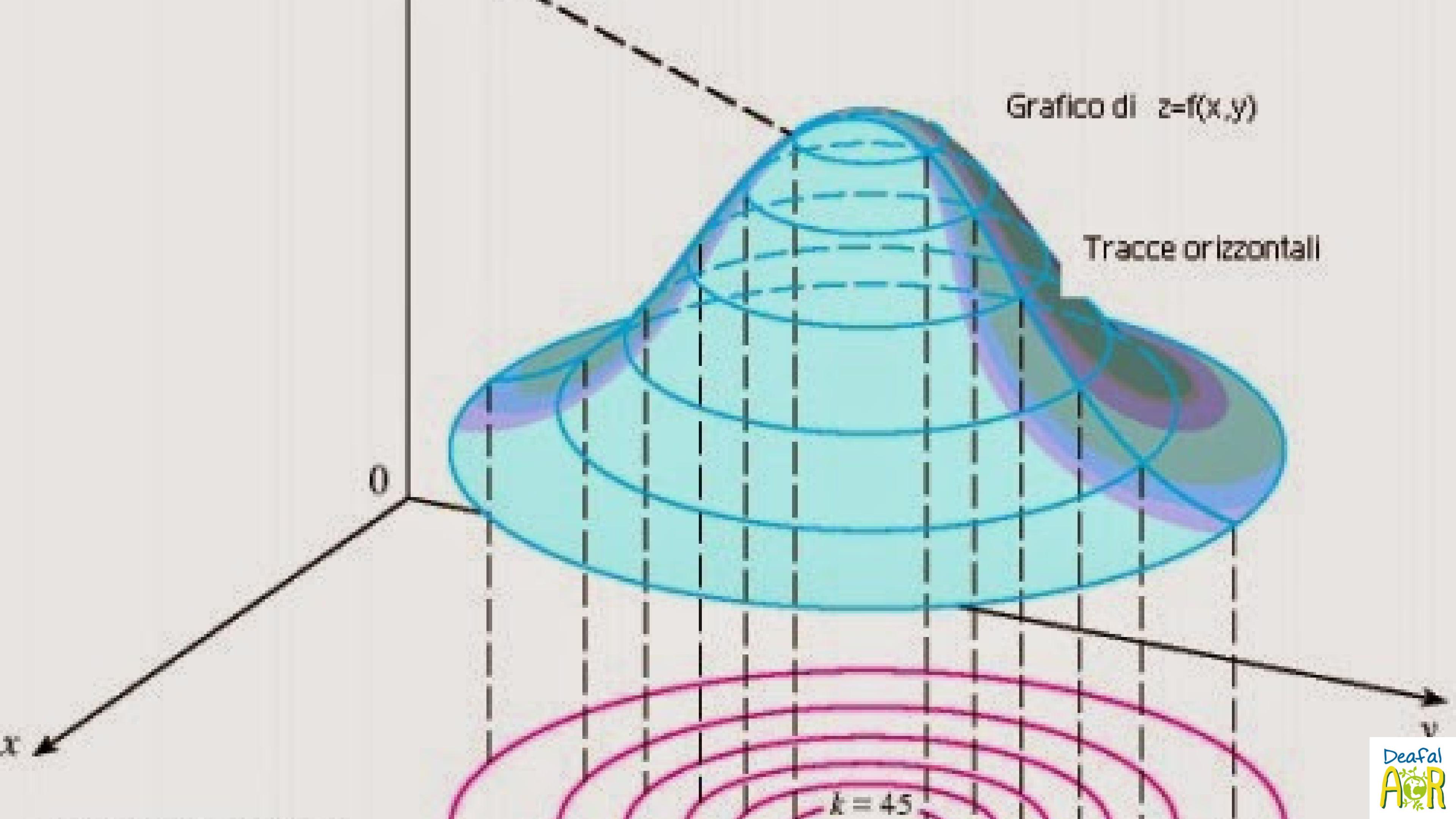


Grafico di $z = f(x, y)$

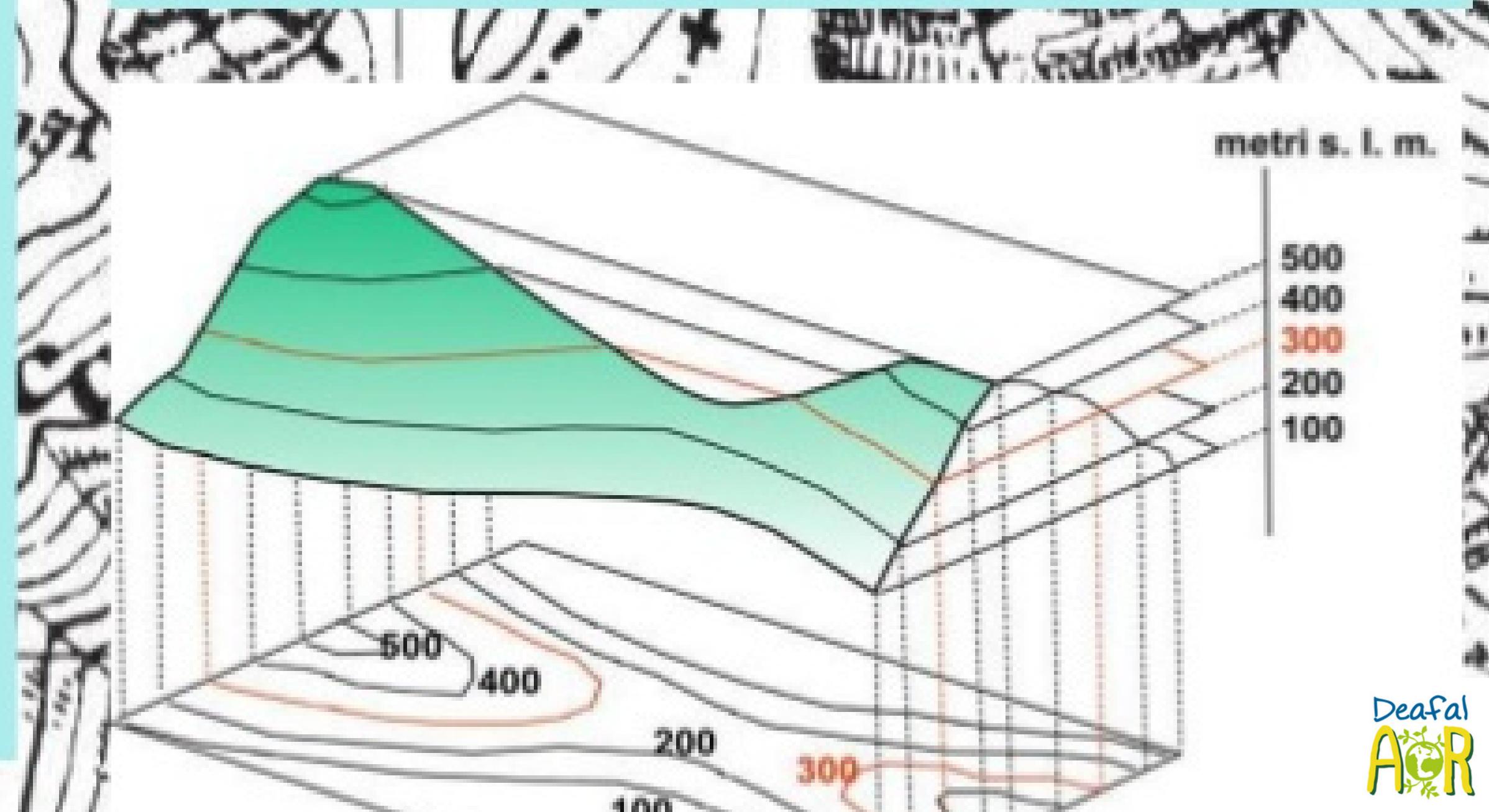
Tracce orizzontali

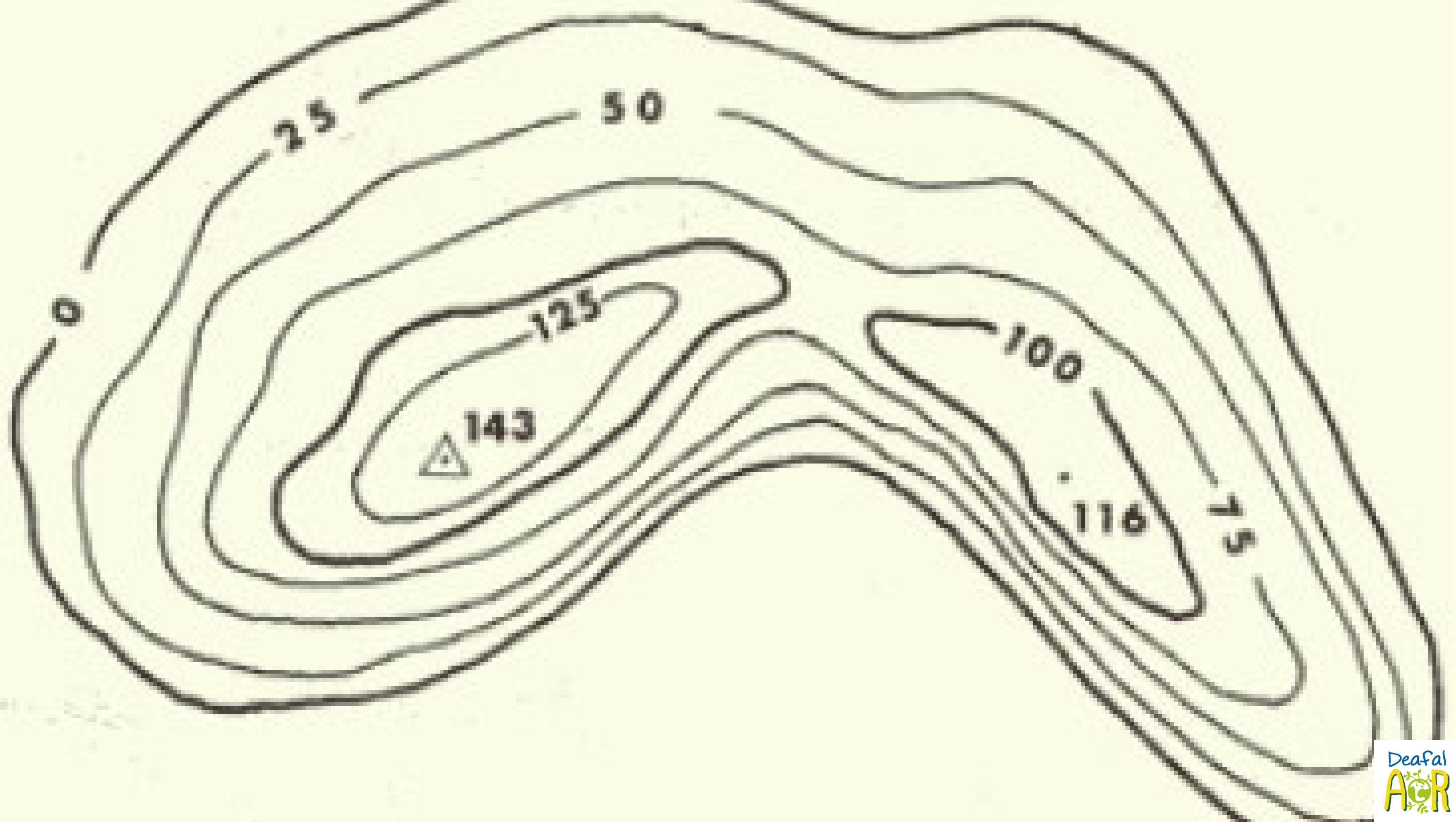


- Isoipse:

La distanza tra due isoipse contigue (o due isolinee qualsiasi) è costante ed è detta **"equidistanza"**. Nel caso delle isoipse in genere la distanza è di 25 o 50 m. Ogni 4 o 5 isoipse ce n'è una più marcata: la **direttrice**.

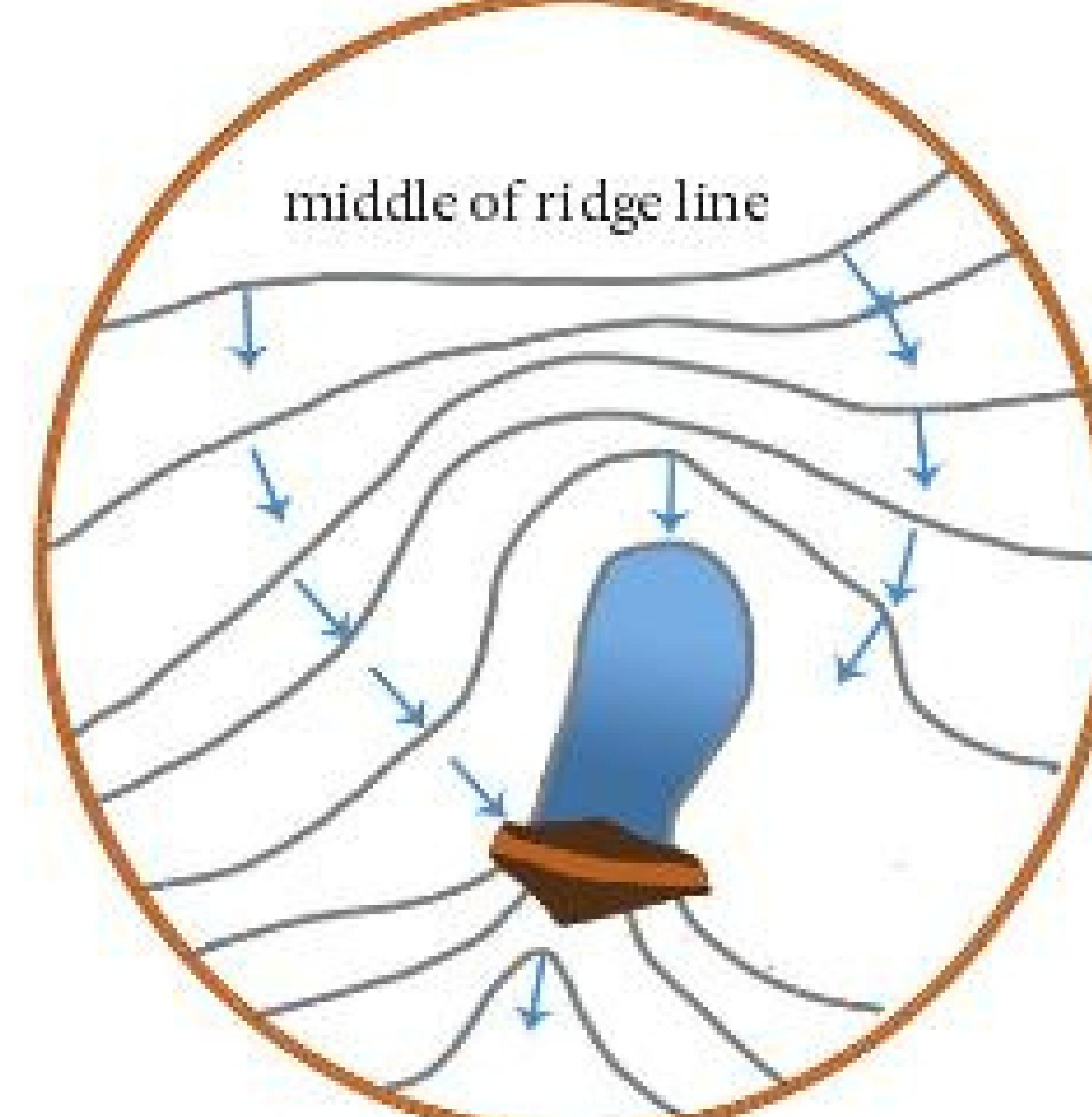
Per costruire le isoipse si immagina di tagliare il rilievo con piani paralleli ed equidistanti tra loro. Le linee di intersezione con il profilo così generato vengono proiettate sulla carta.



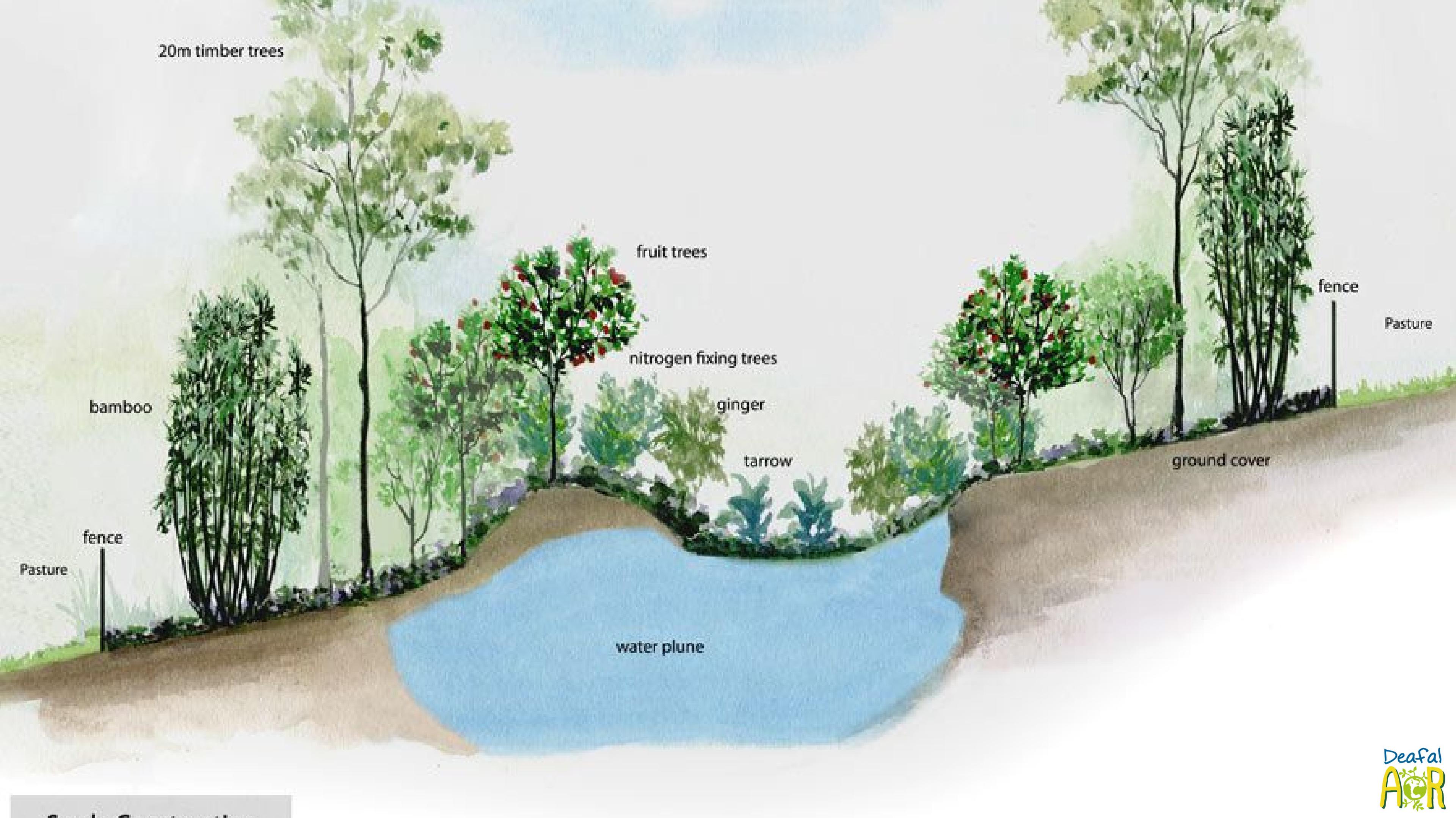


curve di livello: calcolo della superficie di captazione

middle of ridge line

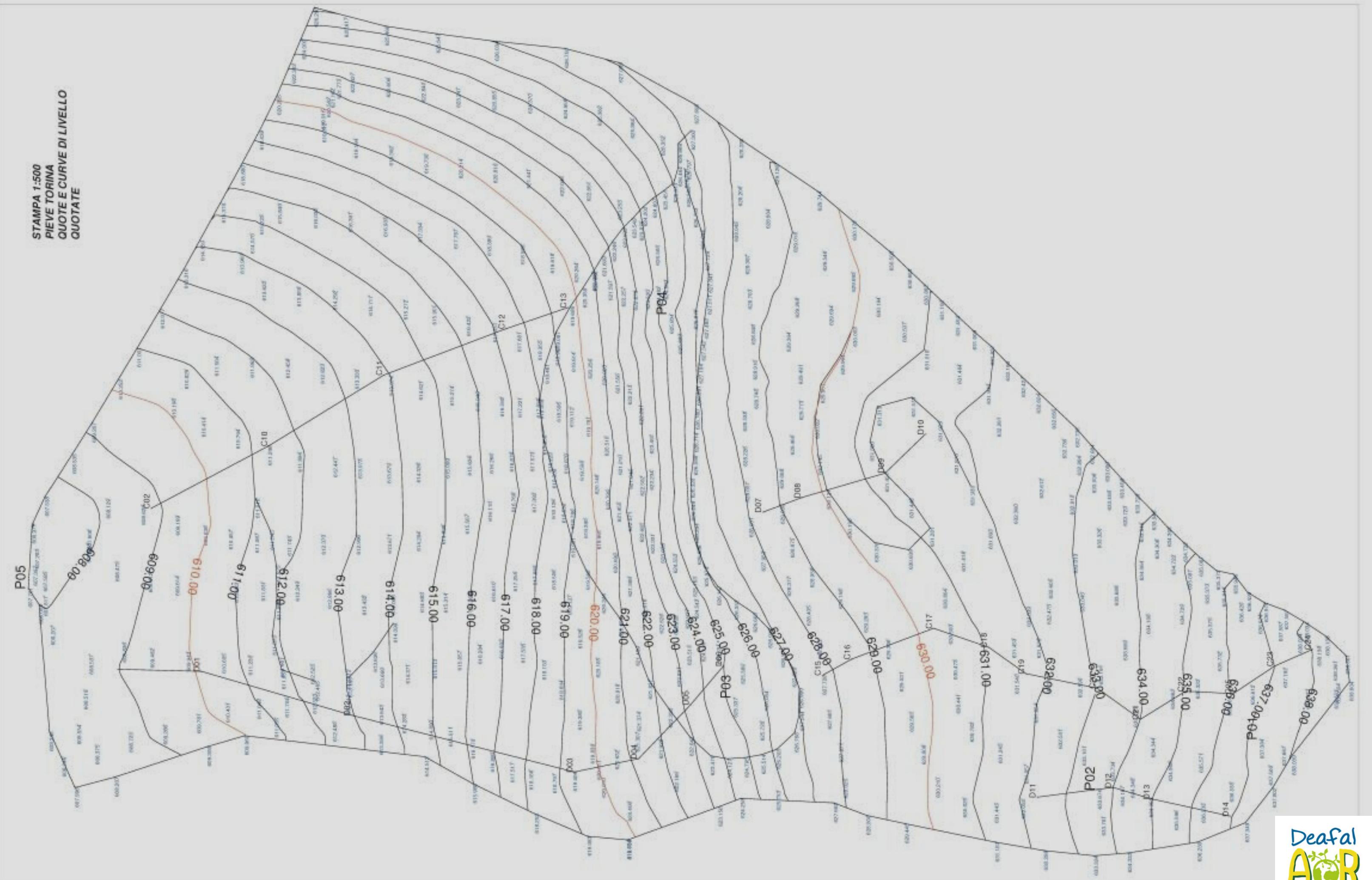


**curve di livello:
realizzazione di strutture
di raccolta edistribuzione
dell'acqua**



curve di livello: progettazione culturale e abitativa

STAMPA 1:500
PIEVE TORINA
QUOTE E CURVE DI LIVELLO
QUOTATE



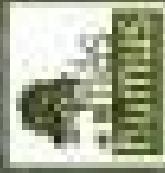
Terreno di Marco Sappiocco

Legal Challenges to Corporate Personhood

Programa Diagnóstico Itayá

Eugenio Grecu & Matteo Mandini

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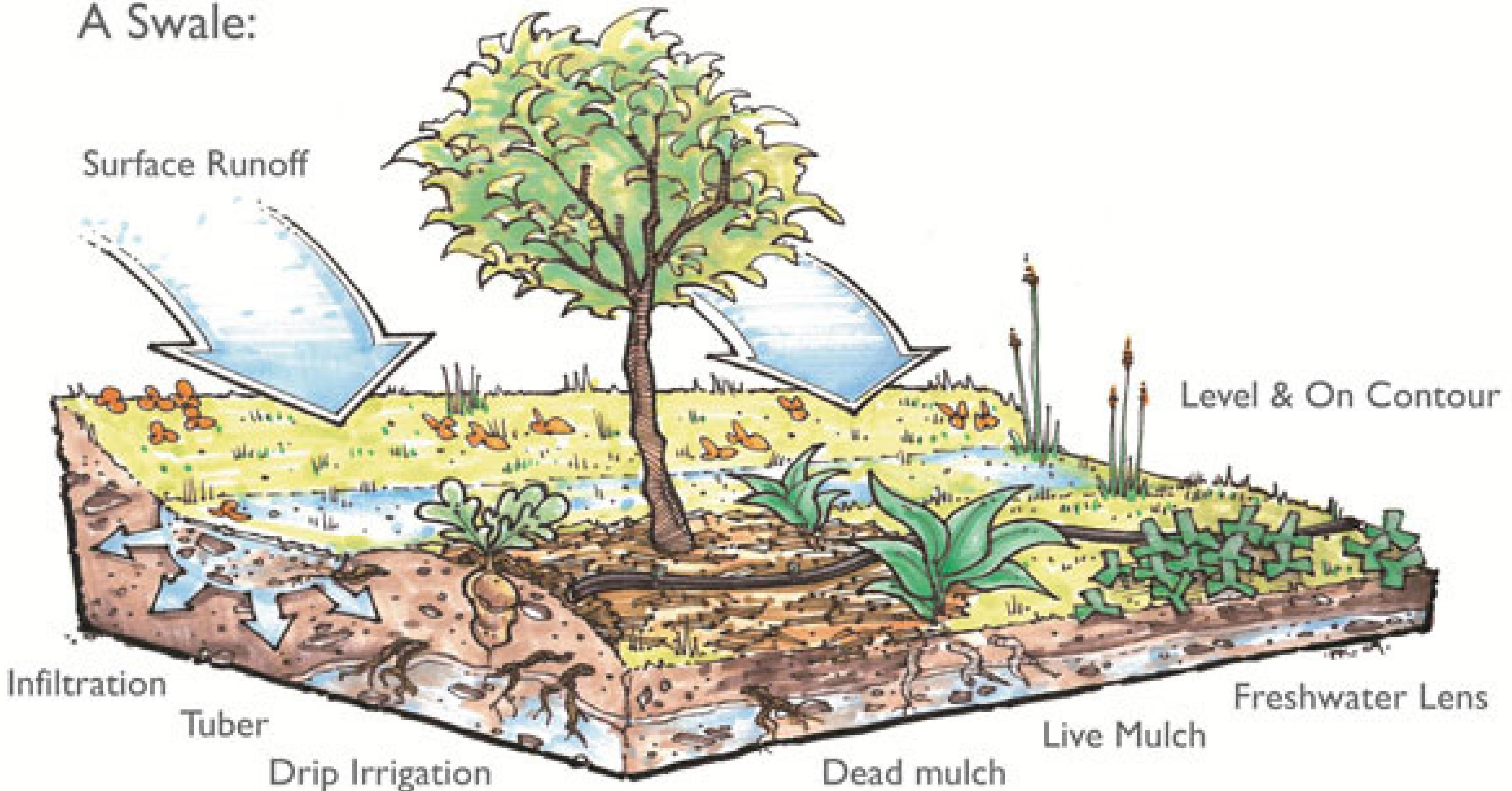


3.2 esempio di utilizzo di una curva di livello

Focus:

la fossa livellare o swale

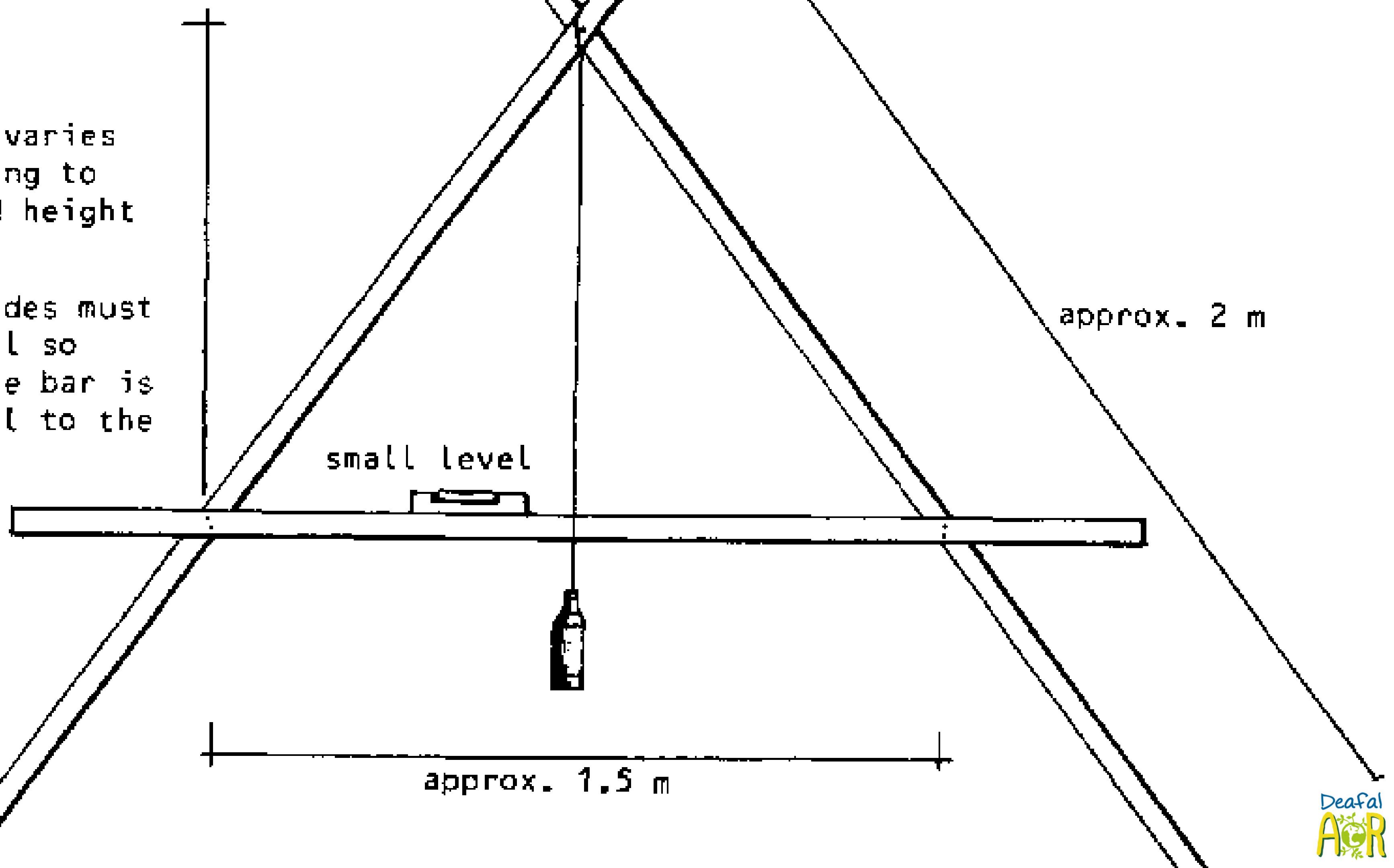
A Swale:



3.3 Strumenti per rilevare le curve di livello

Length varies
according to
desired height
of bar.

Both sides must
be equal so
that the bar is
parallel to the
ground.

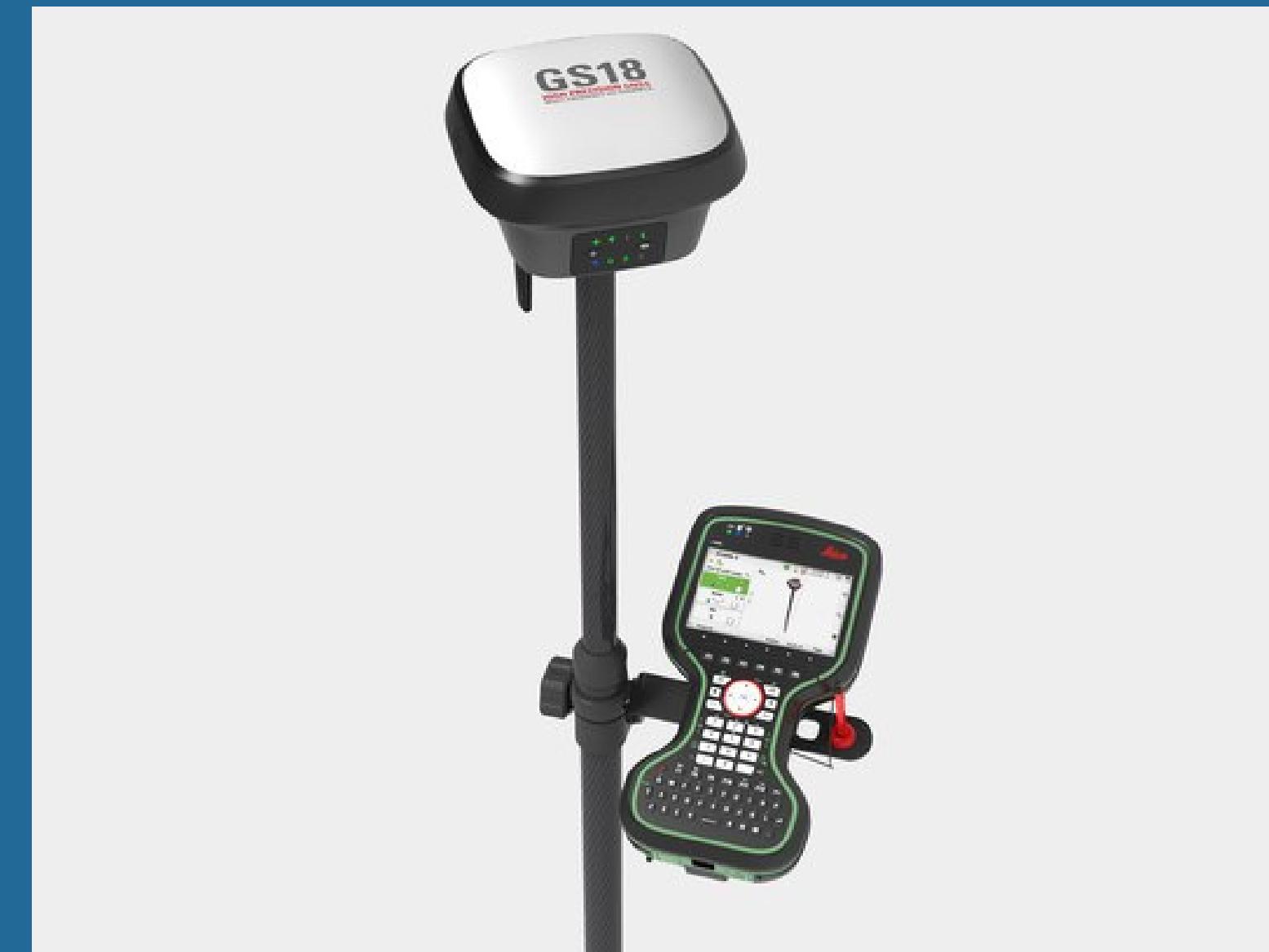




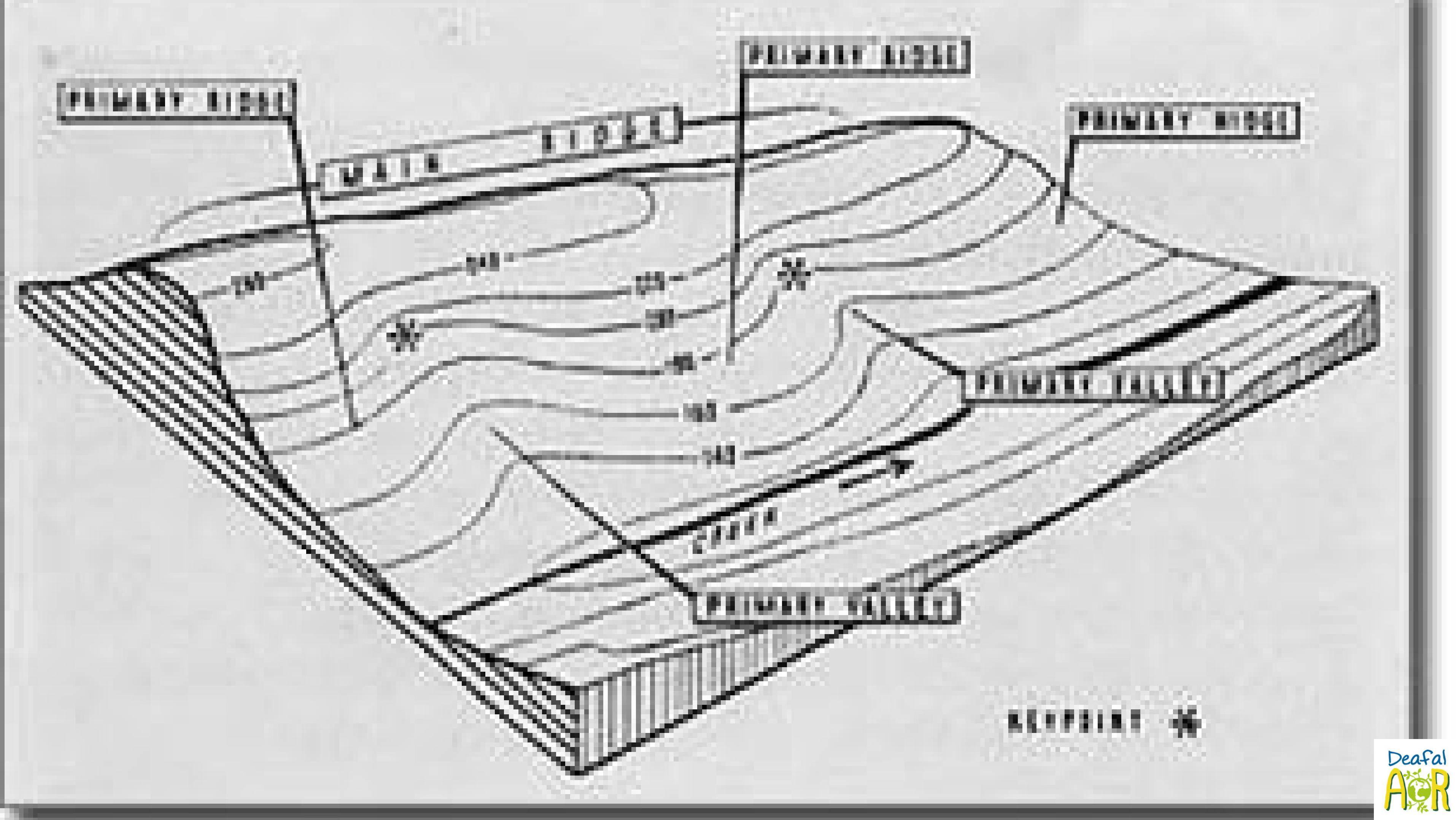
livello laser



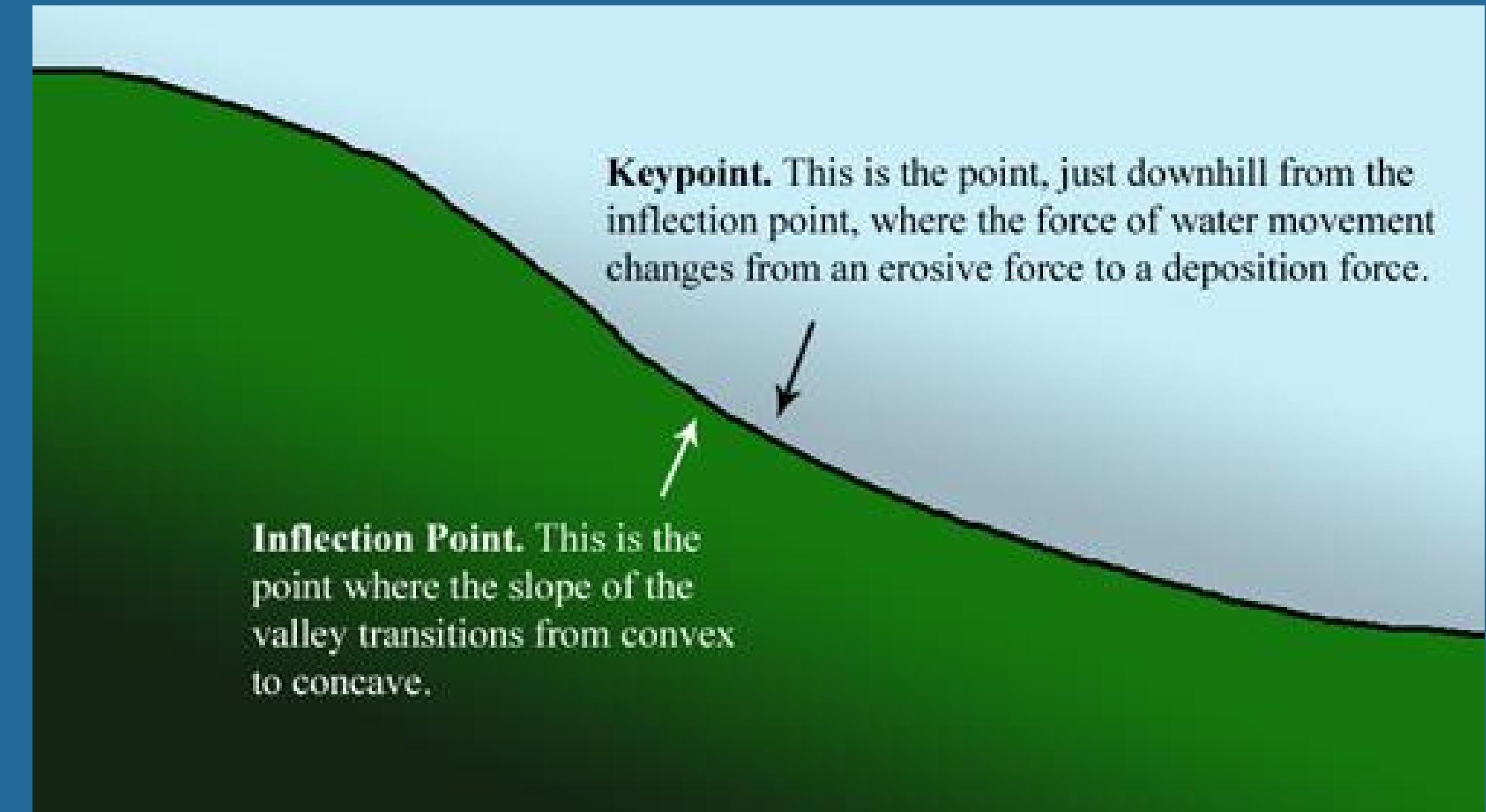
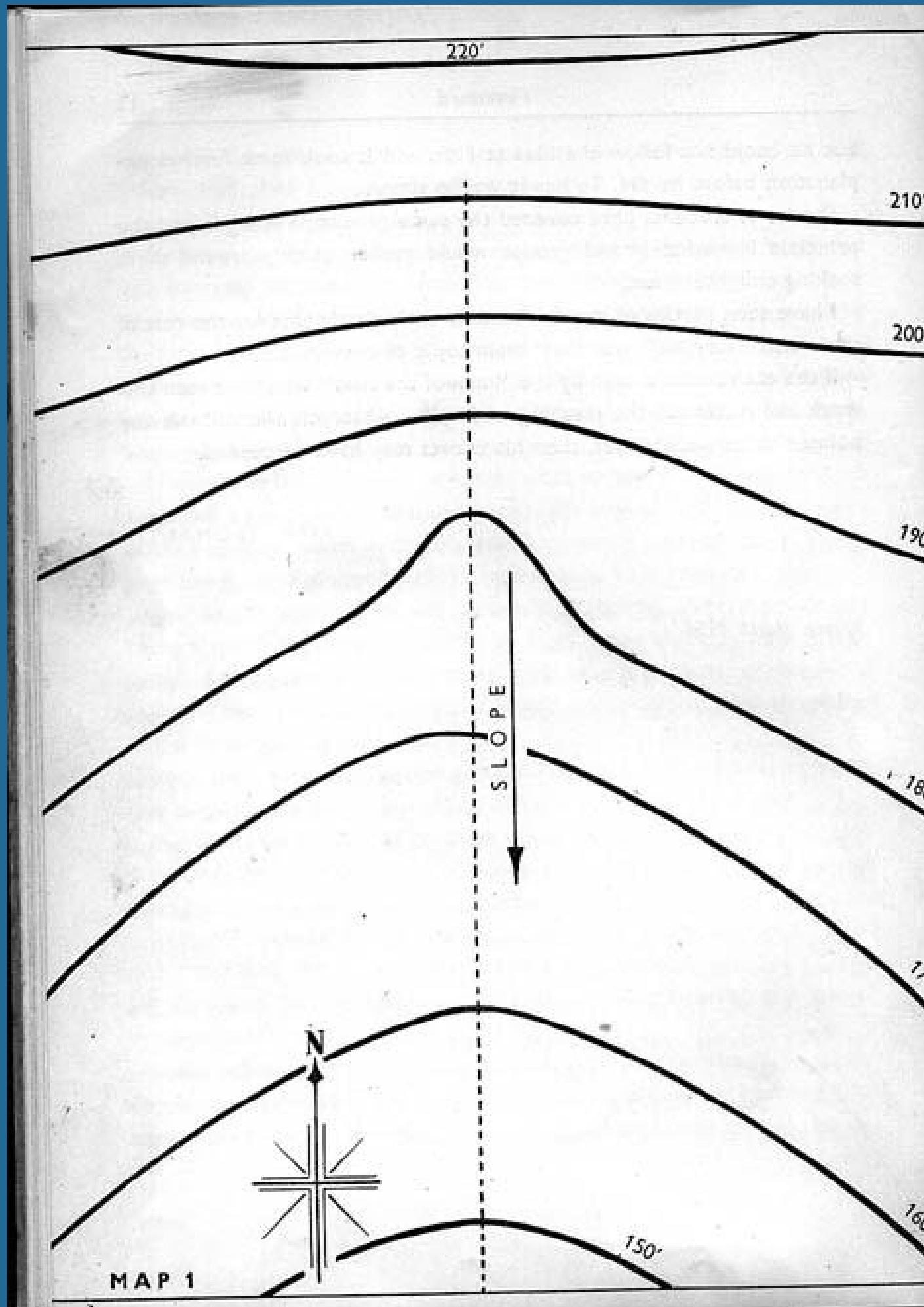
gps rover



3.4 Strutture principali del paesaggio

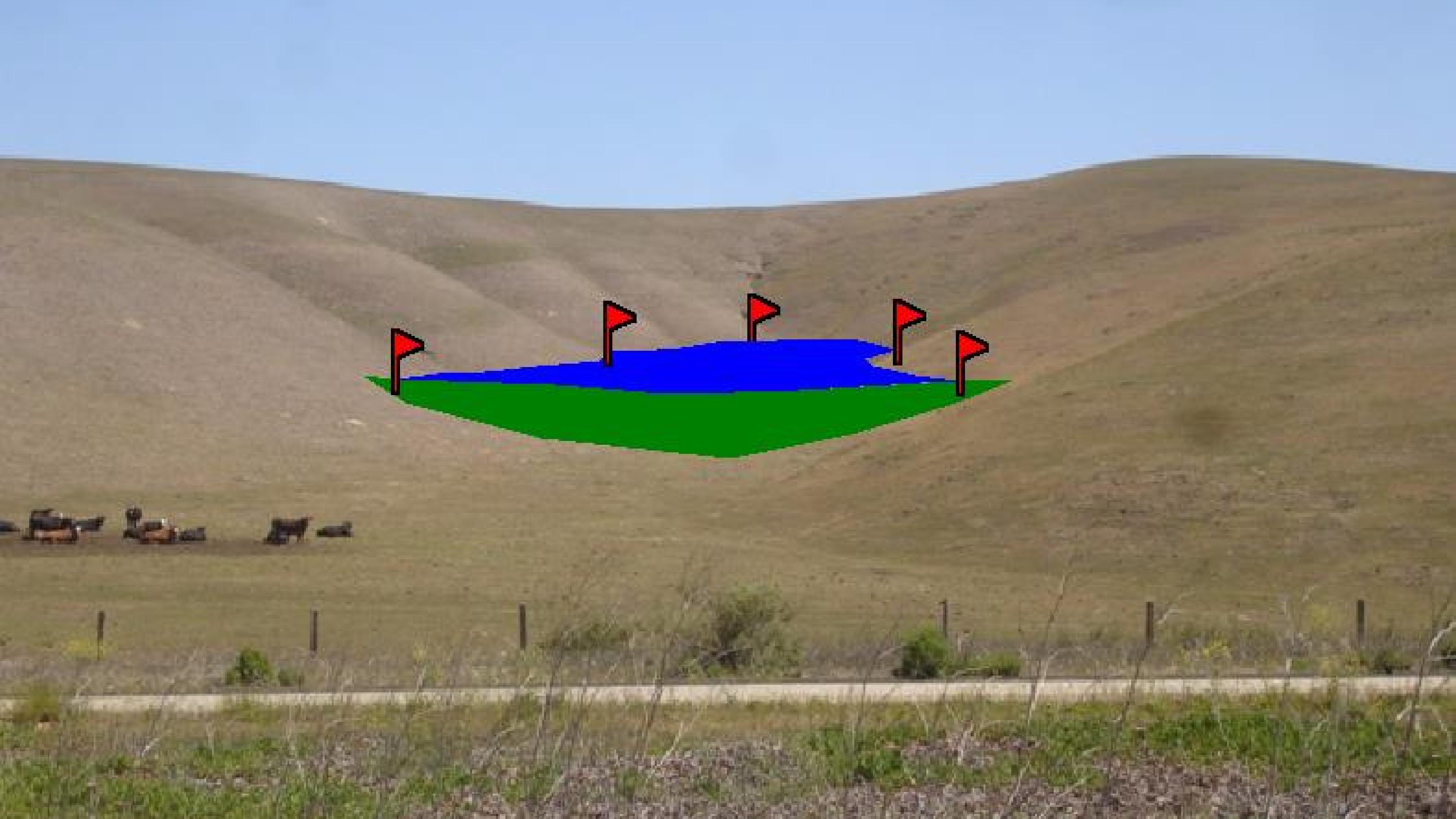


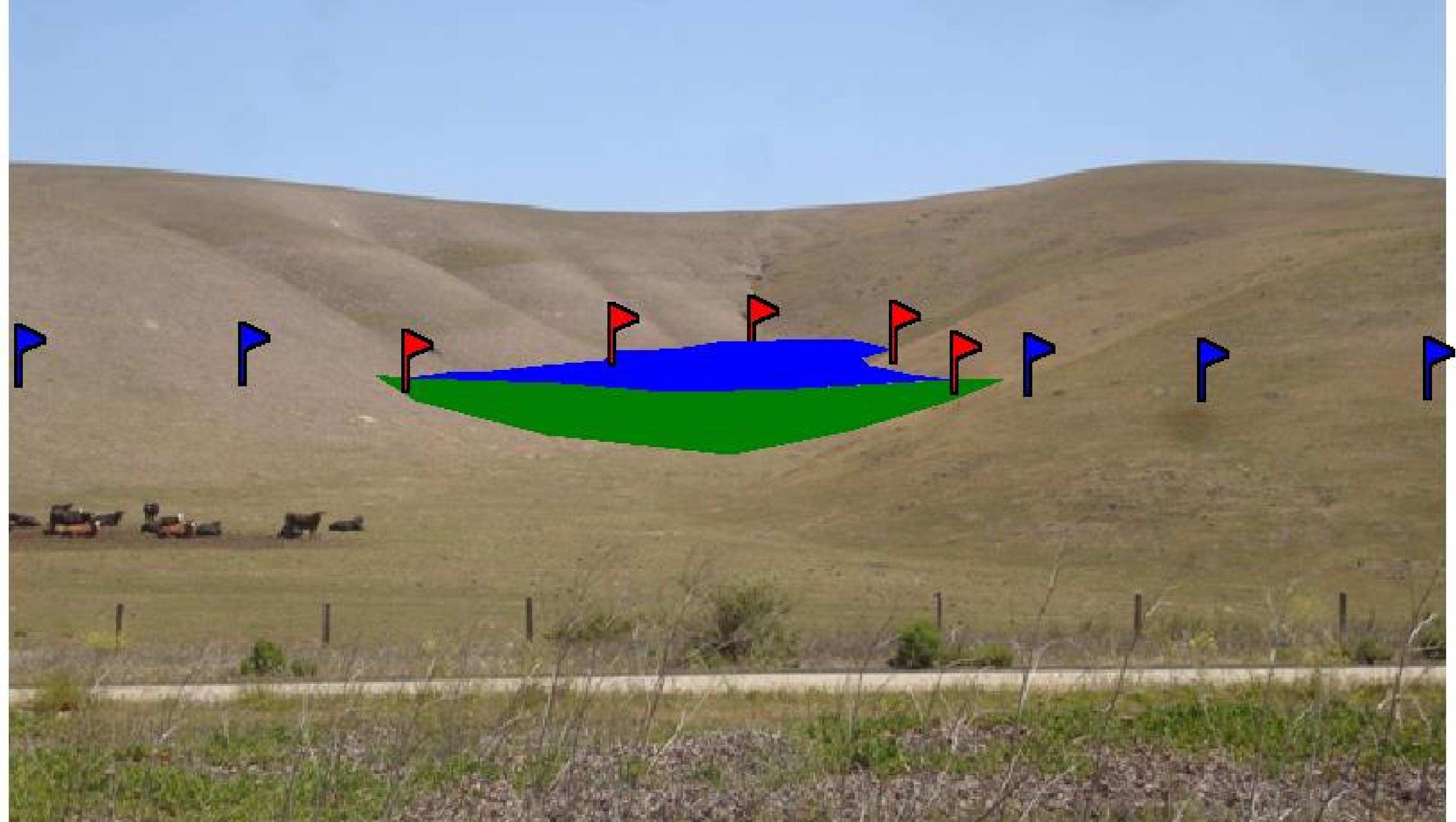
Il punto chiave e la linea chiave









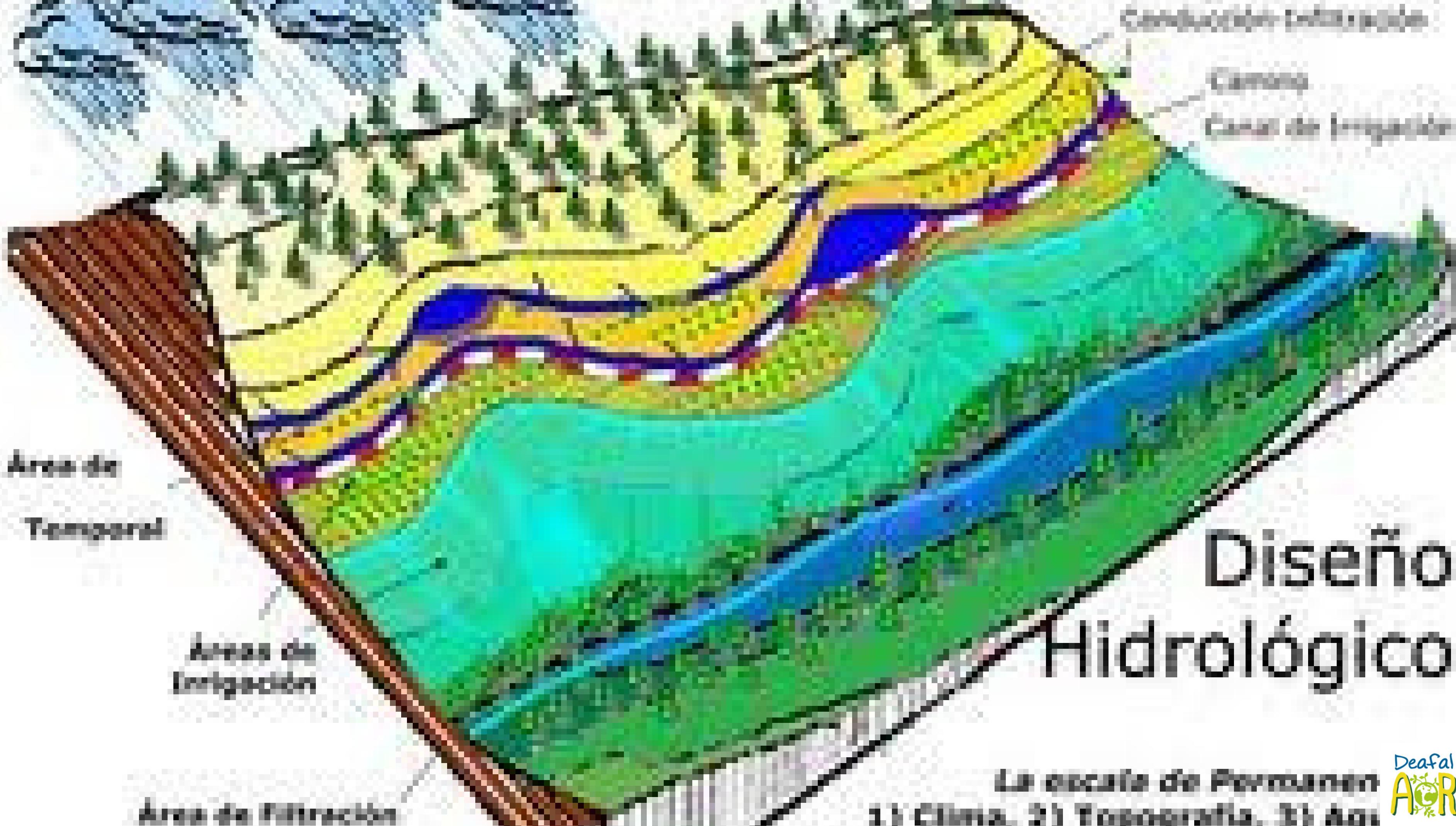


3.5 Le zone della progettazione in keyline

Concepción, Chile

Concepción

Concepción



Diseño Hidrológico

La escuela de Fomento
de Ciencias, 21 Topografía, 18 aguas

3.6 esempi in campo

Terraneo di Marco Saggiocca

Località: Querigiano Pianobardiglio (AO)

Progetto a Disegno Keyline

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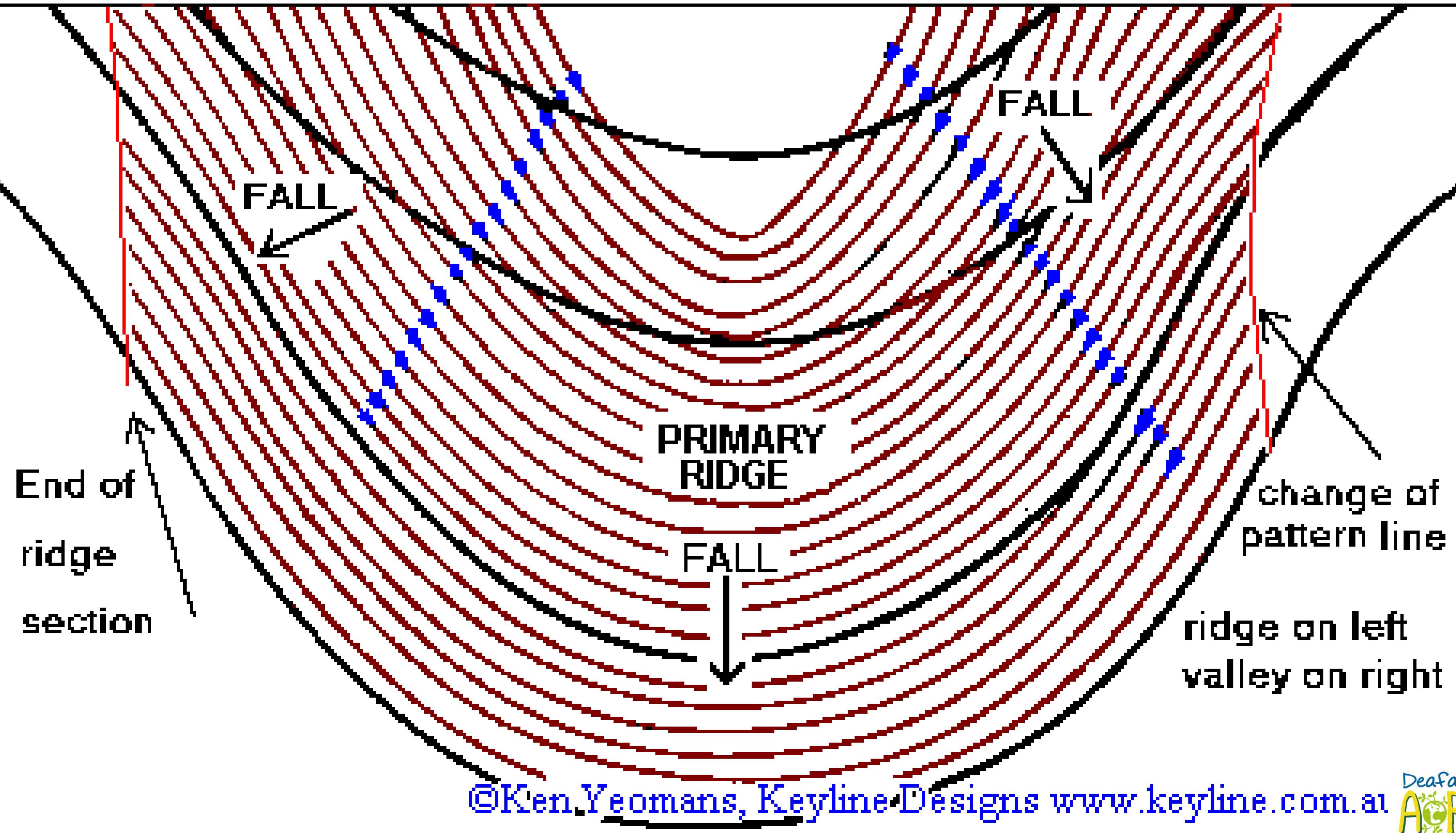
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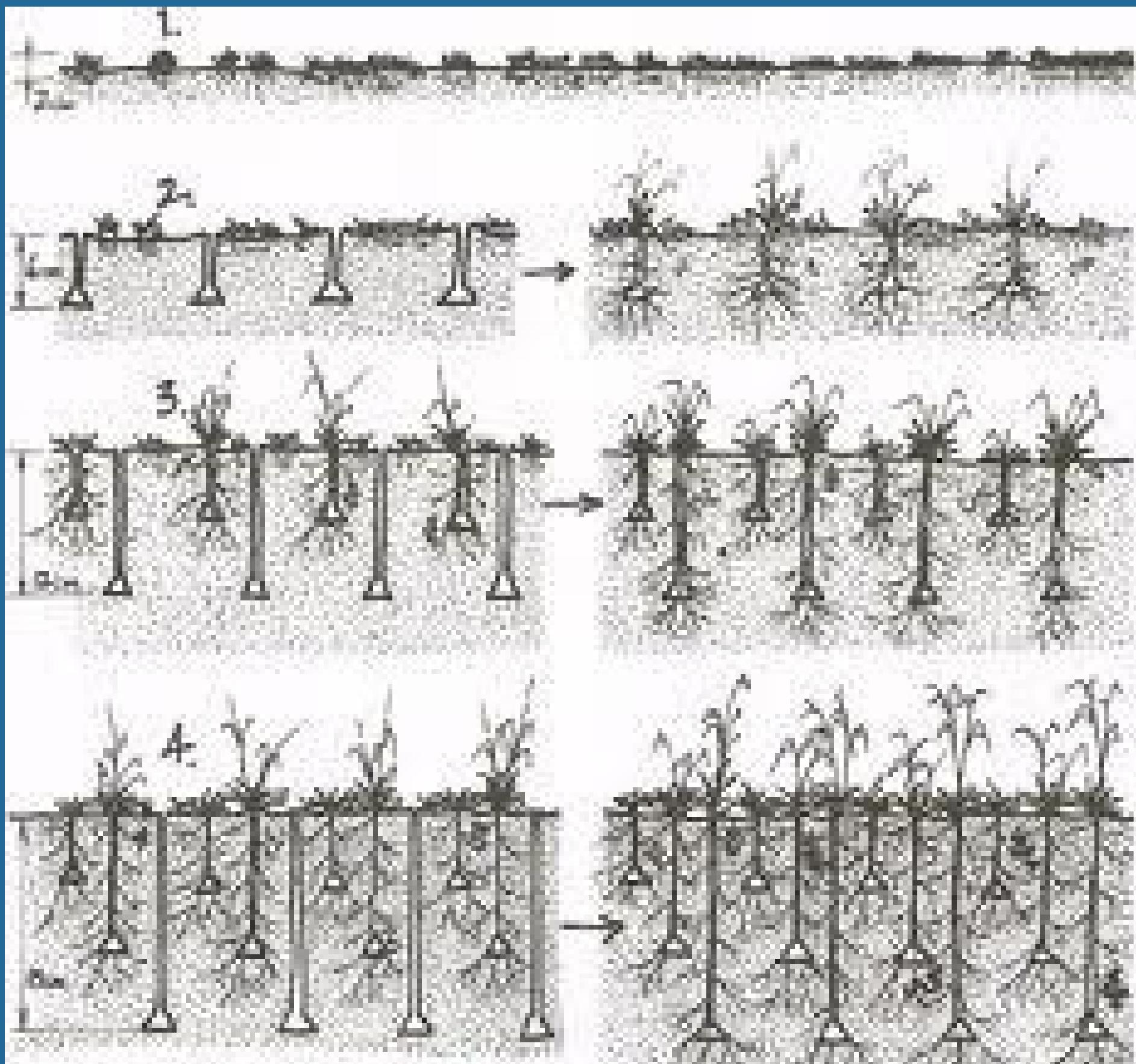








3.7 la lavorazione in campo











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3.8 Conclusioni