

The Lake Trasimeno is an important water resource for drinking and irrigation purposes as well as an outstanding tourist and cultural centre.

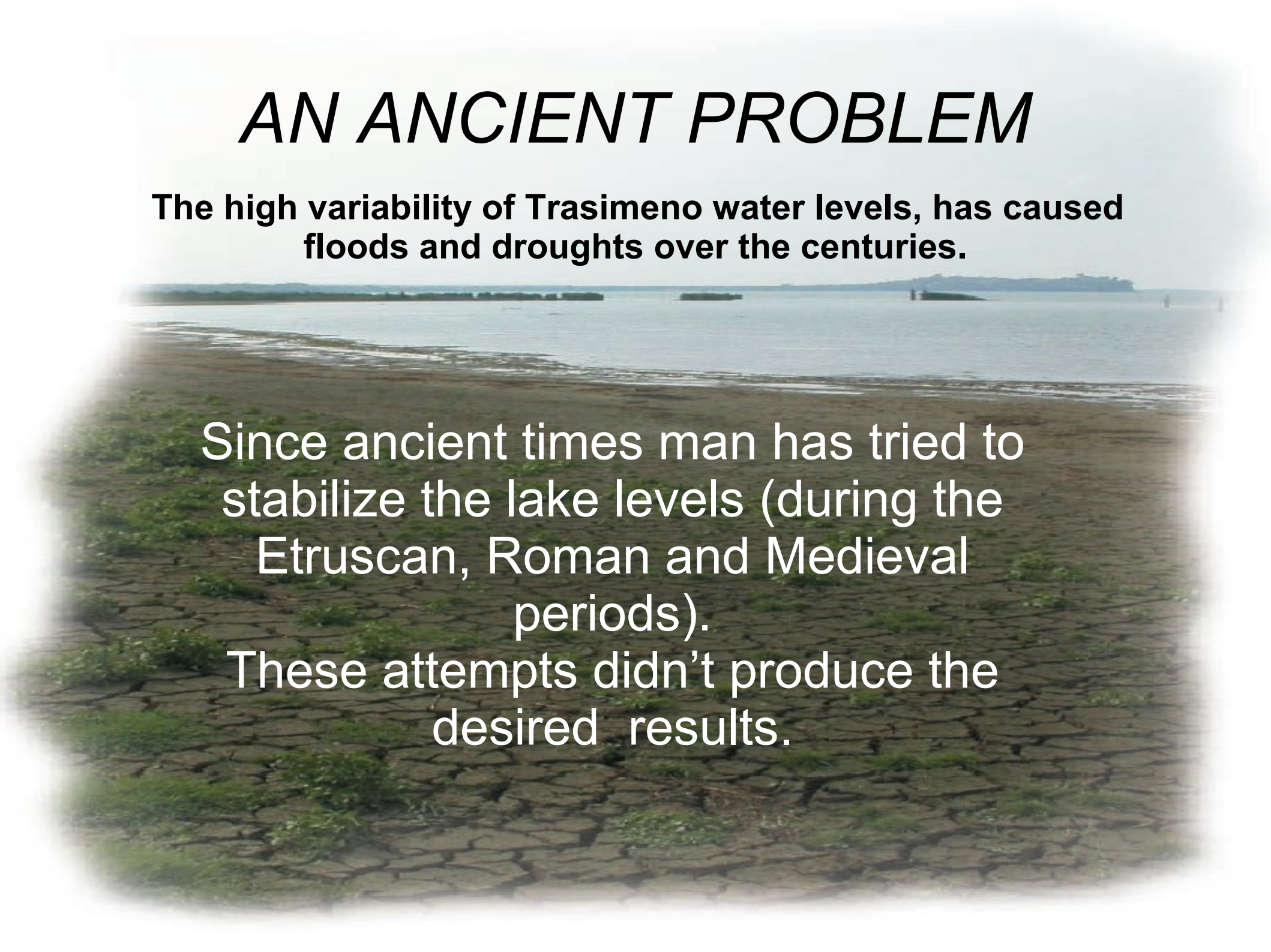


AN ANCIENT PROBLEM

The high variability of Trasimeno water levels, has caused floods and droughts over the centuries.

Since ancient times man has tried to stabilize the lake levels (during the Etruscan, Roman and Medieval periods).

These attempts didn't produce the desired results.



Water crisis causes

- Climatic changes

Over the last 10 years a dry climatic phase has caused a drastic reduction in the lake water levels with bad consequences on the lake's economy and ecosystem.



- *Anthropic pressure*

Over the summer months the population increases in the Trasimeno area.

Even the urbanized areas grow in extension.

- *Agricultural activities*

The agricultural activity uses the lake water for irrigation purposes. Corn farming needs a great amount of water.



Possible solutions

The lake water crises can be avoided:
firstly by means of water **contributions from the outside**;
secondly **limiting withdrawals**.

As a result:

- a **new artificial tributary** was connected to the lake from the Montedoglio Dam;
 - corn farming was recently abandoned for **new agricultural products** which need less water.
- The aim is to save the lake's environment, economy and landscape.
It will need a constant and careful monitoring of usage and waste of the lake's water.



BIBLIOGRAPHY

For more detailed information visit the following websites

<http://www.livinglakesitalia.it>

<http://www.provinciaperugia.it>

- Astolfi Rebecca
- Coloni Costanza
- Segaricci Matteo