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norm VIII

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CHALLENGES AND SOLUTIONS

Radiological indices determination and correlation between radioactivity and stable elements in ornamental rocks

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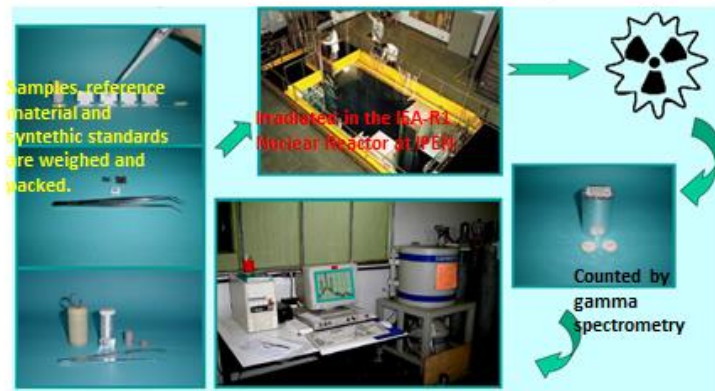
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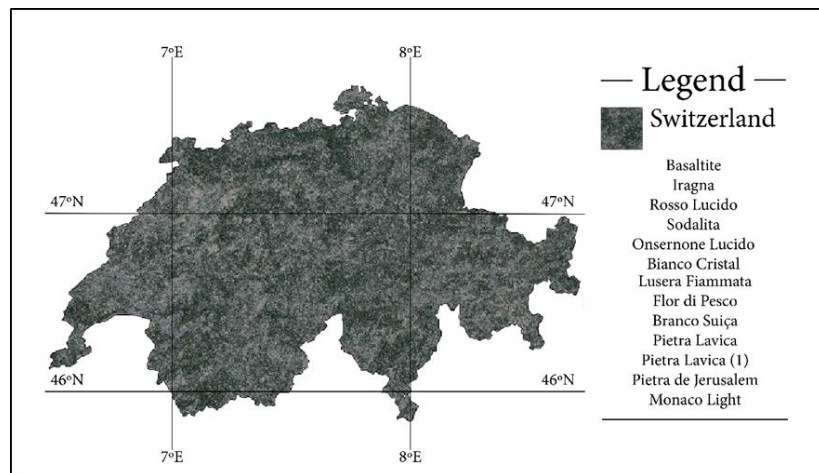
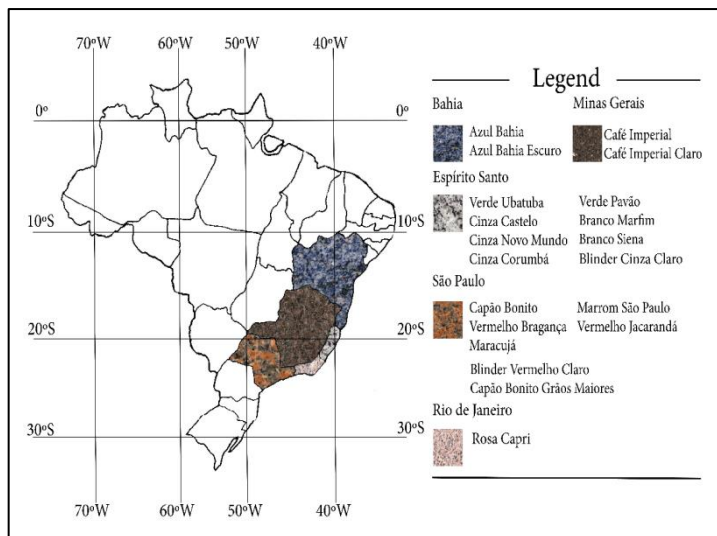
Objective

To evaluate the radiological risk indices of ornamental rocks collected in Brazil and Europe and to correlate its radioactive content with their chemical composition. Samples were chosen according to the best sellers in the market.

Methodology Neutron Activation Analysis

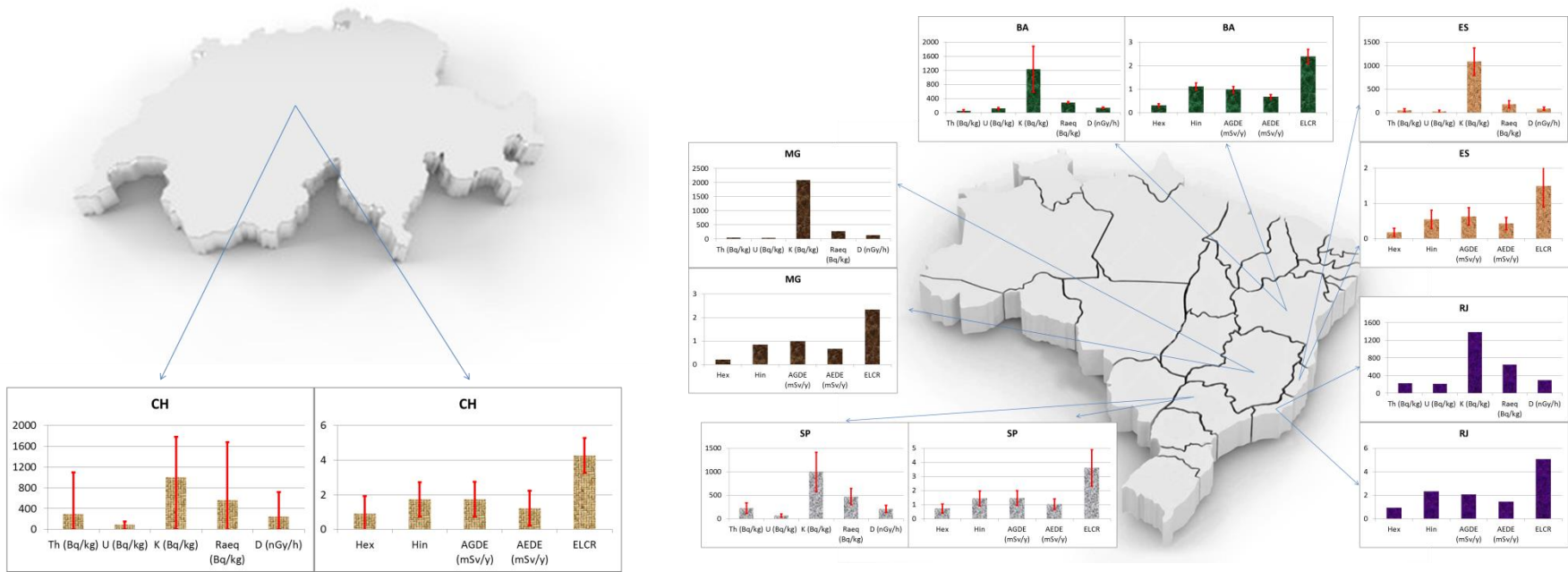


Sampling sites



Results and Discussion

Activity concentration and radiological hazard indices for the samples from Switzerland and Brazil



Conclusions: **see in the poster**