

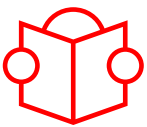
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Research field  
**Materials science**

PhD title  
**Elaboration and characterization  
of lightweight, thermally  
insulating ecological materials  
from demolition and industrial  
wastes (pumice and marble  
sludge)**



## Keywords

- Industrial and demolition wastes
- Recovery
- Eco-materials
- Morocco

## Summary

Research into the valorization of demolition and industrial wastes, such as pumice and marble sludge, is still in its infancy in Moroccan research centers. Our study is a contribution to the valorization of these wastes, produced in large quantities and often abandoned in nature, by using them

as substitutes for natural aggregates and cement in the manufacture of ecological building materials. The initial step of our work involves characterizing the waste, followed by the development and characterization of the construction material. Finally, its environmental impact is assessed.



## Supervisor

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