



Hossein Kazemian

Faculty & Head

Northern Analytical Lab Services (NALS) at the University of Northern British Columbia (UNBC)

Phone: 250-960-5168

Email: Hossein.Kazemian@unbc.ca

<https://www.unbc.ca/hossein-kazemian>

Research Theme

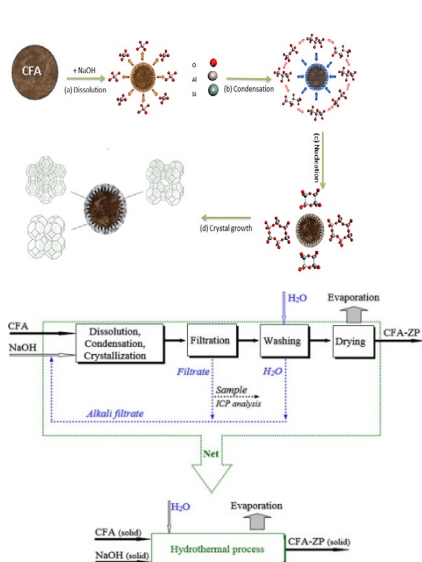
Electromagnetic and Nanoscale Materials and Manufacturing (ENMM) and Polymer and Natural Materials manufacturing (PNMM)

Research Areas

- Synthesis, characterization and study the properties of porous nano materials from natural and synthetic zeolite (and clays) to MOFs & ZIFs.
- Adsorption and catalytic processes for environmental applications of porous nanomaterials for pollution remediation in contaminated air water and soil.

Research Facilities/Tools

- <https://www.unbc.ca/nals>
- XRD, XRF
- SEM
- BET
- TGA, DSC, DMA
- ICP/OES, ICP/MS, LA-ICP-MS
- GC/FID, GC/MS



SEM micrographs of CPM-5 under two synthesis methods

