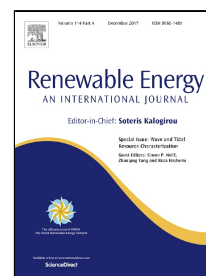


# Accepted Manuscript

Form-stable phase change material based on  $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$ - $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$  eutectic hydrated salt/expanded graphite oxide composite: The influence of chemical structures of expanded graphite oxide



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## **h i g h l i g h t s**

- EGO as porous support was prepared and characterized by XPS, XRD and Raman spectra.
- Eutectic hydrated salt was fabricated into form-stable phase change material (PCM).
- Effects of chemical structures of EGO on thermal properties of PCM were studied.
- Binary eutectic hydrated salt/EGO composite showed good thermal stability.

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