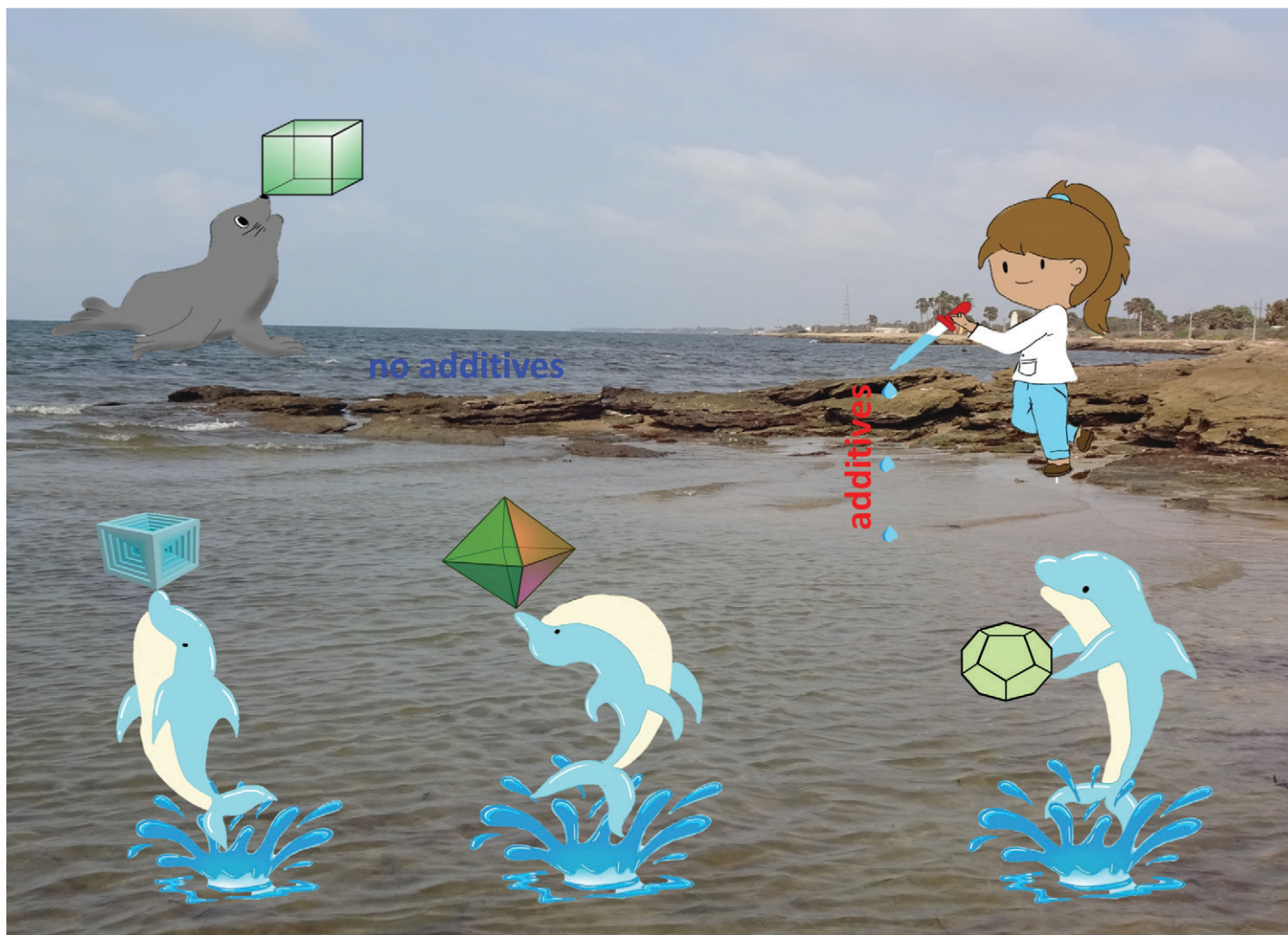


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Showcasing research from Professor Bishwajit Ganguly's laboratory, CSIR-Central Salt and Marine Chemical Research Institute, Bhavnagar, India.

Crystal habit modification of sodium chloride using habit modifiers: a dive into more than 50 years of research & development on crystal habit modification of rock-salt crystals

The control of crystal morphology is of paramount importance in industries and in pharmaceuticals, as the morphological features of crystals play pivotal role in flow abilities, stability and dissolution properties etc. The morphological changes in crystals occurred by the rate of cooling, supersaturation, solvent effect, temperature, pressure or adding impurity as a habit modifier. This article highlights the development in the habit of sodium chloride crystals using impurities as a controlling factor and the advancement that has taken place in this domain of research for over the years.

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