Deliquescence vs. Dissolution

In this project, you will learn the difference between the two mechanisms, deliquescence and dissolution, by applying computer vision.

Dissolution occurs when an ionic crystal such as NaCl is placed in water, and deliquescence occurs in our case whenever a crystal such as NaCl absorbs moisture from the atmosphere until it dissolves in the absorbed water and forms a solution. One mechanism dissolves the ionic salt faster than the other. The goal is to analyze the width and length of the salt crystals in time in an automated way to determine the involved mechanism.

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