

# 淡路島地域における小学校教員参加型気温一斉調査の 環境学習上の有効性に関する研究

A Study Concerning the Environmental Educational Validity of Simultaneous Temperature Research  
Conducted by Elementary School Teachers in Awaji Island

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**Summary :** Observations were made and measurements taken by teachers at elementary schools in Awaji in order to identify in detail the characteristics of temperature spread across the region. The area of the research encompassed the entirety of Awaji Island, and involved 61 observation points, 57 located at elementary schools, the other 4 being elsewhere. The elementary schools on the island were identified as ideal observation points for temperature-line map studies due to their relatively consistent geographical spread, and the merit of their having science teachers on the staff. The research provided benefits beyond its results, by providing teachers with the opportunity to participate in a real life experiment and to learn more about their environment and region. In order to improve research accuracy, good preparatory communication has proven essential. This has necessitated effective pre-orientation made by our students and voluntary residents to the schools involved.