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Development of General and Organic Chemistry Educational Resources from a Systems, Green and Sustainable Chemistry Perspective

AUTHORS

David CONSTABLE / ACS GREEN CHEMISTRY INSTITUTE, 1155 16TH ST. N.W., WASHINGTON, D.C.

PURPOSE OF THE ABSTRACT

This presentation will provide an overview of a 3-yr, multi-institution, collaborative effort to develop educational resources for general and organic chemistry educators. These resources are being developed to integrate systems thinking, green, and sustainable chemistry within the context of preparing students to meet the challenges of the 2030 UN Sustainable Development Goals. Background, progress to date, and challenges will be discussed.

FIGURES

FIGURE 1

FIGURE 2

KEYWORDS

chemistry education | systems thinking | green and sustainable chemistry

BIBLIOGRAPHY