

## **Call for Chapter Proposals for a Proposed ASTE Monograph/Book: *Educating Science Teachers for Sustainability***

As a result of our discussions in the ASTE Environmental Education forum, we are developing a proposal for our second ASTE monograph/book on “Educating Science Teachers for Sustainability”. Susan Stratton, Rita Hagevik, Allan Feldman and Mark Bloom are serving as co-editors of the monograph. This book will focus on the inclusion of sustainability content and pedagogy in science teacher preparation as it applies towards instructional practices in K-12 science classrooms. We encourage proposals from international authors. The purpose of this book will be to share knowledge and ideas about sustainability pedagogy in the context of science teacher preparation as it applies to teaching and learning in K-12 science classrooms. The book will share, examine and discuss sustainability education foundations and pedagogical principles through theoretical and practical applications as it primarily pertains to the preparation of preservice and inservice science teachers. The book will inform science teacher educators about the historical and philosophical underpinnings of sustainability education, current trends in topics related to sustainability as it pertains to science teacher education, and sustainability-specific pedagogical practices and content-pedagogical knowledge for science teacher education. A few chapters will also highlight sustainability exemplary practice in actual K-12 classrooms.

We envision the book will consist of an anthology of chapters from contributing authors organized into five main sections: Section I will introduce the theoretical framework for science teacher education for sustainability; Section II will include chapters about preparing science teachers to teach for sustainability, beginning with at least one chapter that will detail the theoretical framework(s) that support research in this area; Section III will focus on science teacher education for sustainability in *informal or nonformal settings* again beginning with an introductory chapter that argues both for the need for informal science education for sustainability and the need to educate informal science educators to teach for sustainability. In Section IV the global perspective will be examined. Beginning with the theoretical framework, an introductory chapter that argues for taking a global perspective by both making it a part of science teacher education for sustainability and also by paying attention to the good work that is being done in other parts of the world. Section V will be concerned with issues of preparing science teachers to teach for sustainability. In this section, the chapters will be representative of the ASTE conference threads; equity and diversity; teaching college level science courses for sustainability; history, philosophy and NOS; or ethnoscience. Each chapter’s length will range between 15-20 pages.

**SUBMISSIONS:** Chapter proposals should be 2 pages in length, single-spaced, written in a narrative style. The proposal should include a statement of objectives, theoretical framework, and highlight key ideas, issues and/or methodologies with regards to including sustainability education into science teacher education. Please send a cover page including (1) proposed title of the chapter, and (2) author(s) information – full name(s) and title(s), (3) full contact details (postal address, e-mail address, telephone, and fax numbers), and (4) name of colleague who

you recommend as a reviewer.

Send both the cover page and proposal electronically to Susan Stratton at [susan.stratton@cortland.edu](mailto:susan.stratton@cortland.edu). The deadline for chapter proposals is **October 25, 2013**. We expect many chapter proposal submissions from both ASTE members and other environmental educators and researchers. The proposals will undergo a peer review process and acceptance will be limited to those identified as best suited to the overarching theme of the book. Authors will be notified whether their proposals are accepted by **December 15, 2013**. For additional information and to communicate with the editors please check our Facebook page: ***Educating Science Teachers for Sustainability***.

If your proposal is accepted, completed chapters will be due **April 15, 2014**. We expect the book to be published in early 2015.