

on the available literature in the field of e-learning and online course management while providing for further research opportunities in this dynamic field. Featuring coverage on a wide variety of topics such as gamification in e-learning, plagiarism detection programs, and language online courses, this book is a valuable resource for instructional designers, IT professionals, software developers, academicians, and education professionals seeking current research on the impact of new methodologies and frameworks used in the lifecycle of open online courses.

Teacher Training and Professional Development: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources 2018-05-04 Regardless of the field or discipline, technology is rapidly advancing, and individuals are faced with the challenge of adapting to these new innovations. To remain up-to-date on the current practices, teachers and administrators alike must constantly stay informed of the latest advances in their fields. *Teacher Training and Professional Development: Concepts, Methodologies, Tools, and Applications* contains a compendium of the latest academic material on the methods, skills, and techniques that are essential to lifelong learning and professional advancement. Including innovative studies on teaching quality, pre-service teacher preparation, and faculty enrichment, this multi-volume book is an ideal source for academics, professionals, students, practitioners, and researchers.

Ocean Science Data Giuseppe Manzella 2021-10-02 *Ocean Science Data: Collection, Management, Networking, and Services* presents the evolution of ocean science, information, theories, and data services for oceanographers looking for a better understanding of big data. The book is divided into chapters organized under the following main issues: marine science, history and data archaeology, data services in ocean science, society-driven data, and coproduction and education. Throughout the book, particular emphasis is put on data products quality and big data management strategy; embracing tools enabling data discovery, data preparation, self-service data accessibility, collaborative semantic metadata management, data standardization, and stream processing engines. *Ocean Science Data* provides an opportunity to start a new roadmap for data management issues, to be used for future collaboration

among disciplines. This will include a focus on organizational objectives such as improved performance, competitive advantage, innovation, the sharing of lessons learned, integration, and continuous improvement of data management organization. This book is written for ocean scientists at postgraduate level and above as well as marine scientists and climate change scientists. Presents a coherent overview of state-of-the-art research concerning ocean data Provides an in-depth discussion of how ocean data impact all scales of the planetary system Includes global case studies from experts in ocean data **Manual for developing intercultural competencies** Deardorff, Darla K. 2020-01-01 "This book presents a structured yet flexible methodology for developing intercultural competence in a variety of contexts, both formal and informal. Piloted around the world by UNESCO, this methodology has proven to be effective in a range of different contexts and focused on a variety of different issues. It therefore can be considered an important resource for anyone concerned with effectively managing the growing cultural diversity within our societies to ensure inclusive and sustainable development. Intercultural competence refers to the skills, attitudes and behaviours needed to improve interactions across difference, whether within a society (differences due to age, gender, religion, socio-economic status, political affiliation, ethnicity, and so on) or across borders. The book serves as a tool to develop those competences, presenting an innovative adaptation of what could be considered an ancient tradition of storytelling found in many cultures. Through engaging in the methodology, participants develop key elements of intercultural competence including greater self-awareness, openness, respect, reflexivity, empathy, increased awareness of others, and in the end, greater cultural humility. This book will be of great interest to intercultural trainers, policymakers, development practitioners, educators, community organizers, civil society leaders, university lecturers and students - all who are interested in developing intercultural competence as a means to understand and appreciate difference, develop relationships with those across difference, engage in intercultural dialogue and bridge societal divides"--