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Assessment and Guidance -- Track 13. Educational Innovation -- Track 14. Advances on Sustainable Development in Higher Education -- Track 15. Doctoral Consortium.

Sommario/riassunto	This volume comprises of the proceedings of The Twelfth International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM). It reflects outstanding advances, with a multidisciplinary perspective, in the technological ecosystems that support Knowledge Society building and development. This book covers broad-scope research areas, such as Educational Assessment and Orientation, Human-Computer Interaction, eLearning, Computers in Education, Communication Media and Education, Medicine and Education, Learning Analytics, Engineering Education, Robotics in Education, Diversity in Education, Smart Learning and Gamification, and Games for Learning. TEEM is divided into fifteen thematic and highly cohesive tracks, each of which is oriented to a specific community of interest, including researchers, professionals, and students. Additionally, the multidisciplinary approach allows cross-track interest, which enhances the value of the overall volume.