This book is a collection of cutting-edge and cross-disciplinary studies on natural, human-made, and coupled human-natural systems, addressing the challenge of developing integrated knowledge from multiple disciplines. The authors explore the structure, function, and dynamic mechanisms of various systems, both natural and human-made, as well as analyze their reciprocal interactions under the concept of coupled human-natural systems. These interactions are used to understand feedback, nonlinearities, thresholds, time lags, legacy effects, and path dependencies, emerging across multiple spatial scales. The result has been insufficient appreciation of the role of culture in human motivation and a truncated view of culture as disembodied knowledge. The anthropologists in this volume have attempted a different approach, seeking to integrate knowledge, desire, and action into a single explanatory framework. This research builds on recent work in cognitive anthropology on cultural models ...