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Nota di contenuto	Introduction -- Lessons from reports on climate modeling -- Strategies for developing climate models: model hierarchy, resolution, and complexity -- Scientific frontiers -- Integrated climate observing system and earth system analysis -- Characterizing, quantifying, and communicating uncertainty -- Climate model development workforce -- Relationship of U.S. climate modeling to other international and national efforts -- Strategy for operational climate modeling and data distribution -- Computational infrastructure-challenges and opportunities -- Synergies between weather and climate modeling -- Interface with user and educational communities -- Strategies for optimizing U.S. institutional arrangements -- A national strategy for advancing climate modeling.