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""4.3.6 Future Management Issues""""5. Behavior and Transport in Terrestrial Ecosystems"; ""5.1 Chemistry and Sorption Properties of Cesium"; ""5.1.1 Chemistry and Speciation"; ""5.1.2 Influence of Mineralogy on Sorption of Cesium"; ""5.1.3 Soil/Sediment Partition Coefficient Values for Cesium"; ""5.2 Biogeochemical Transport Processes for Cesium"; ""5.2.1 Deposition from the Atmosphere"; ""5.2.2 Weathering from Plant Surfaces"; ""5.2.3 Foliar Absorption"; ""5.2.4 Soil Processes"; ""5.2.5 Soil-to-Plant Transfer"; ""5.2.6 Translocation within Plants"
""5.2.7 Microbial Impacts on Cesium Mobility""""5.2.8 Plant-to-Animal Transfers"; ""5.2.9 Soil-to-Animal Transfers"; ""5.2.10 Transfers in Animal Food Chains"; ""5.2.11 Assimilation and Retention in Animals"; ""5.3 Modeling Approaches for Radiocesium in Terrestrial Ecosystems"; ""5.3.1 General Approaches"; ""5.3.2 Model Validation"; ""5.3.3 Uncertainty and Sensitivity Analyses"; ""6. Behavior and Transport in Freshwater Ecosystems"; ""6.1 Sediment-Water Partitioning of Cesium-137"; ""6.1.1 Partition Coefficient"; ""6.1.2 Settling and Sedimentation"; ""6.1.3 Remobilization"
""6.1.4 Burial""
