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| 1. Record Nr. | UNINA9910963790403321 |
| Titolo | Cleaning up sites contaminated with radioactive materials : international workshop proceedings // Glenn E. Schweitzer, Frank L. Parker and Kelly Robbins, editors ; Committee on Cleaning Up of Radioactive Contamination: Russian Challenges and U.S. Experience, Office for Central Europe and Eurasia, Development, Security and Cooperation, Policy and Global Affairs, National Research Council of the National Academies |
| Pubbl/distr/stampa | Washington, D.C., : National Academies Press, 2009 |
| ISBN | 9786612083624 9780309177368 0309177367 9781282083622 1282083627 9780309127622 0309127629 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (233 p.) |
| Altri autori (Persone) | SchweitzerGlenn E. <1930-2023.> ParkerFrank L. <1926-> RobbinsKelly |
| Soggetti | Radioactive decontamination Radioactive wastes Radioactive waste disposal Radioactive pollution Radiation - Measurement Environmental monitoring |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "In cooperation with the Russian Academy of Sciences." |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Intro -- Contents -- Preface -- Opening Remarks -- 1 Welcoming Remarks -- 2 Welcoming Remarks -- 3 Welcoming Remarks -- 4 Interests of the International Science and Technology Center -- Overview Presentations -- 5 Ensuring Nuclear and Radiation Safety in |

the Use of Nuclear Energy for Peaceful Purposes -- 6 The Environmental Policy of the Russian Federal Atomic Energy Agency (Rosatom) and Priority Objectives for its Implementation -- 7 Evaluation of Radiation Ecology Status Around Russian Nuclear and Radiation Enterprises Based on Landscape-Geochemical Research -- 8 Systems Studies of the Radiation Legacy and the Development of the Informational, Legal, and Regulatory Framework for Post-Rehabilitation Institutional Control, Oversight, and Management of Radiation-Hazard Facilities in the Russian Federation -- 9 Comprehensive Resolution of the Problem of Radioactive Waste Management and Rehabilitation of Contaminated Areas in the Moscow Region -- Case Studies -- 10 Lands Damaged as a Result of Uranium Ore Mining Operations in the Russian Federation -- 11 Uranium Recovery and Remediation of Uranium Mill Tailings: Russian and U.S. Experience -- 12 Experience in Rehabilitating Contaminated Land and Bodies of Water Around the Mayak Production Association -- 13 Rehabilitation of Contaminated Groundwater Layers Near the Mayak Enterprise Using Deep Burial Technology -- 14 Observations Concerning Mayak -- 15 Remediation of Contaminated Facilities at the Kurchatov Institute -- 16 Selected Remediation Issues at the Russian Research Center -- 17 Industrial Nuclear Explosion Sites in the Russian Federation: Recovery and Institutional Monitoring Problems -- 18 Comments on Presentation on Industrial Nuclear Explosion Sites in the Russian Federation: Recovery and Institutional Monitoring Problems -- 19 The Past, Present, and Future of the Facilities at Andreev Bay.

20 Environmental Remediation of Spent Nuclear Fuel and Radioactive Waste Temporary Storage Facilities in Gremikha Village: Challenges and Proposed Solutions -- 21 Criteria for Environmental Rehabilitation of the Temporary Storage Site for Spent Nuclear Fuel and Radioactive Waste in Gremikha Village -- 22 Cleaning Up Sites Contaminated with Radioactive Materials: Coastal Maintenance Bases Andreev Bay and Gremikha -- Other Contributions -- 23 Criteria for Categorizing Territories at Russian Federal Atomic Energy Agency Enterprises Experiencing Chemical and Radioactive Contamination -- 24 Areas of the Russian Federation Affected by Radiation Contamination Due to the Chernobyl Nuclear Power Plant Accident -- 25 The Experience of the Joint Environmental-Technological Scientific Research Center for Radioactive Waste Decontamination and Environmental Protection (MosNPO Radon) in Eliminating Radiation-Hazard Facilities and Rehabilitating Contaminated Sites -- 26 Use of GIS Technology for Assessing Territories Contaminated with Radioactive Materials -- Appendix A: Workshop Agenda -- Appendix B: Titles of Additional Papers and Extended Abstracts Presented at the Workshop on Cleaning Up Sites Contaminated with Radioactive Material.

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| 2. Record Nr. | UNINA9911019994603321 |
| Titolo | Biophysico-chemical processes of anthropogenic organic compounds in environmental systems // edited by Baoshan Xing, Nicola Senesi, Pan Ming Huang |
| Pubbl/distr/stampa | Hoboken, N.J., : John Wiley & Sons, c2011 |
| ISBN | 9786613052346 9781118002117 1118002113 9781283052344 1283052342 9780470944479 0470944471 9780470944462 0470944463 |
| Descrizione fisica | 1 online resource (594 p.) |
| Collana | Wiley-IUPAC series in biophysico-chemical processes in environmental systems |
| Altri autori (Persone) | XingBaoshan SenesiN (Nicola) HuangP. M |
| Disciplina | 628.5 |
| Soggetti | Environmental chemistry Bioorganic chemistry Anthropogenic soils |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | pt. 1. Funamental biophysico-chemical processes of anthropogenic organic compounds in the environment -- pt. 2. Anthropogenic organic compounds in air, water, and soil, and their global cycling -- pt. 3. Analytical techniques -- pt. 4. Restoration of natural environments contaminated by organic pollutants. |
| Sommario/riassunto | In contrast to the classical books which largely focus on separate, individual physicochemical and biological aspects, this book aims to integrate the frontiers of knowledge on the fundamentals and the |

impact of physicochemical and biological interactions and processes of AOCs in soil, sediment, water and air. The specific objectives of this book are to address: (1) fundamental biophysico-chemical processes of AOCs in the environment, (2) occurrence and distribution of AOCs in air, water, and soil, and their global cycling, (3) the state-of-the-art analytical techniques of AOCs, and (4) resto
