

1. Record Nr.	UNINA9910778683203321
Titolo	Acid deposition [[electronic resource]] : atmospheric processes in Eastern North America : a review of current scientific understanding // Committee on Atmospheric Transport and Chemical Transformation in Acid Precipitation, Environmental Studies Board, Commission on Physical Sciences, Mathematics, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1983
ISBN	1-280-24592-1 9786610245925 0-309-55751-8 0-585-14450-8
Descrizione fisica	1 online resource (391 p.)
Soggetti	Weather Meteorology - North America, Eastern Acid rain - North America, Eastern
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Acid Deposition; Copyright; Preface; Contents; Summary; STATUS OF SCIENTIFIC KNOWLEDGE; Data; Meteorological Processes; Models; ISSUES; Applicability of Models To Decisions On Control Strategy; Nonlinearity; Influences of Local and Distant Sources; IMPLICATIONS FOR EMISSION-CONTROL STRATEGIES; RESEARCH NEEDS; 1 Introduction; DEPOSITION ACIDITY; ENVIRONMENTAL EFFECTS; Physical and Chemical States of Deposited Materials; Reversibility and Irreversibility; OTHER RELATED REGIONAL AIR POLLUTION PHENOMENA; PURPOSE OF THE STUDY; ORGANIZATION OF THE REPORT; NOTES; REFERENCES; 2 Atmospheric Processes TRANSPORT AND MIXING CHEMICAL TRANSFORMATION; Homogeneous Gas-Phase Reactions; Homogeneous Aqueous-Phase Reactions; Relative Roles of Gaseous- and Aqueous-Phase Chemistry; DEPOSITION; Dry Deposition; Wet Deposition; Attachment Processes;

REFERENCES; 3 Theoretical Models of Regional Air Quality; MATERIAL BALANCE; DETERMINISTIC MODELS; Treatment of Transport and Mixing; Treatment of Transformation Chemistry; Treatment of Dry and Wet Deposition; Linearity or Nonlinearity in Theoretical Models; Physical Processes; Chemical Processes; FINDINGS AND CONCLUSIONS; REFERENCES
4 Empirical Observations and Source-Receptor Relationships
AEROMETRIC DATA AND THEIR LIMITATIONS; RELATIONSHIPS AMONG AEROMETRIC PARAMETERS; THE INFLUENCE OF METEOROLOGICAL CONDITIONS; Classification of Meteorological Conditions; Air-Mass Trajectories; STATISTICAL METHODS OF ANALYSIS; Regression on Principal Components; Empirical Orthogonal-Function Analysis; Elemental-Tracer Analysis; ANALYSIS OF HISTORICAL TRENDS; ANALYSIS OF RELATIVE BEHAVIOR OF SULFUR AND NITROGEN EMISSIONS; FINDINGS AND CONCLUSIONS; Nonlinearity; Influence of Local and Distant Sources; REFERENCES; 5 Research Needs
FIELD STUDIES
Cloud Processes; Studies of Chemical Mechanisms; Dry Deposition; Tracers; Meteorological Studies; LABORATORY STUDIES; DEVELOPMENT OF THEORETICAL MODELS; Appendix A The Chemistry of Acid Formation; GAS-PHASE REACTIONS LEADING TO GENERATION OF ACID IN THE TROPOSPHERE; Oxidation By Stable Atmospheric Molecules; Reactive Transient Species in the Troposphere; Atmospheric Oxidation of SO₂ by Reactive Transient Species; Atmospheric Oxidation of NO₂ by Reactive Transient Species; Theoretical Rates of SO₂ and NO₂ Conversion To H₂SO₄ and HONO₂ Through Gas-Phase Reactions in the Troposphere
THE SOLUTION-PHASE OXIDATION OF SO₂ IN THE TROPOSPHERE
Aqueous-Phase Oxidation of SO₂; Comparison of Reaction Pathways For Solution-Phase Oxidation of SO₂; Solution-Phase Generation of Nitric and Nitrous Acids in the Troposphere; SUMMARY; REFERENCES; Appendix B Transport and Dispersion Processes; CLASSIFICATION OF TRANSPORT PHENOMENA; LOCAL AND MESOSCALE TRANSPORT; SYNOPTIC-OR CONTINENTAL-SCALE TRANSPORT; HEMISPHERIC OR GLOBAL TRANSPORT; CONCLUSIONS; ACKNOWLEDGMENTS; REFERENCES; Appendix C Atmospheric Deposition Processes; 1. INTRODUCTION; 2. DRY-DEPOSITION PROCESSES
2.1 Mechanisms of Dry Deposition

2. Record Nr.	UNINA9910896186603321
Titolo	Formulation in Mental Health Nursing / / edited by Vickie Howard, Lolita Alfred
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2024
ISBN	9783031599552 (pbk) 9783031599569 303159956X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (215 pages)
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Current Mental Health Nursing Practice around Formulation -- 3. Formulating Interpersonal Conflicts/Factors, Relationship Factors and Abuse -- 4. Formulation of those experiencing distress associated with perceptual experiences -- 5. Formulating experiences of extreme emotions and challenges associated with mood -- 6. Formulating and mitigating forms of personal distress focussing on self-harm and suicide -- 7. Formulating distress in adults and children experiencing physical health problems -- 8. Formulation of those experiencing distress associated with the use of substances -- 9. Support Approaches to Formulation Outcomes-- Mental Health Nursing Considerations.

Sommario/riassunto

“The widespread adoption of formulation as a core ingredient in Mental Health Nursing educational curricula is long overdue, and this excellent text is much needed to address this flaw.” -Dr Alec Grant, Visiting Professor, Psychology, University of Bolton, England “A genuinely engaging and informative text, this book balances details and explores multiple voices of students, clients, parents, and staff to study varied aspects of Mental Health Nursing.” -Dr James Turner, Department of Nursing and Midwifery/College of Health and Life Sciences, Sheffield Hallam University, England. This book offers a comprehensive overview of formulation applied within the mental health nursing context. It presents a contemporary outlook on the role of the mental health nurse, exploring and reflecting on the foundational values-based and person-centred principles of mental health nurse education and practice. Through this timely and accessible textbook, the authors demonstrate how a variety of theories can be used to enhance formulation in practice, ensuring mental health assessment and intervention are meaningfully connected to support patient recovery. Including service user experiences and viewpoints throughout, each chapter also benefits from tailored discussion points to enable learners to develop critical thinking around formulation. An invaluable guide to the field, it provides a clear, up to date and thought-provoking overview of formulation, essential for students and practitioners in clinical psychology or psychotherapy, as well as clinicians working in all areas of mental health and social care, psychology, therapy, and counselling. Vickie Howard is Deputy Programme Director of the Mental Health and Wellbeing Practitioner Programme, Specialist Adult Mental Health at the University of Hull, UK. Dr Lolita Alfred is a Senior Lecturer, Admissions Lead and Practice Education Lead for Mental Health Nursing at City, University of London, UK.
