

1. Record Nr.	UNINA9910785584603321
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Titolo	The Lower Damodar River, India [[electronic resource]] : Understanding the Human Role in Changing Fluvial Environment / / by Kumkum Bhattacharyya
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2011
ISBN	94-007-0467-4
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (321 p.)
Collana	Advances in Asian Human-Environmental Research, , 1879-7180
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Soggetti	Hydrogeology Water pollution Physical geography Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Physical Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Damodar Valley Region -- 3. Floods and Water Resource Management in a Tropical River, the Damodar -- 4. The Reservoired Lower Damodar: Hydro-Geomorphic Perspective -- 5. Colonization Processes in the Damodar Riverbed -- 6. Controlled Lower Damodar: Social Perspective -- 7. The Controlled Lower Damodar: A Product of Hydrogeomorphic and Anthropogenic Processes -- 8. Towards Better Interaction -- References -- APPENDIX I. Model questionnaire of perception survey -- APPENDIX II. List of reference maps -- APPENDIX III. Hydrological observation -- APPENDIX IV. Information about Maithon and Panchet Project.-APPENDIX V. Streamflow of the Damodar River at Rhondia -- APPENDIX VI. Streamflow of the Damodar River at Damodar Bridge Site -- APPENDIX VII. Inflow into Durgapur Barrage and canal consumption -- APPENDIX VIII. Volume of water released down the Durgapur Barrage and canals -- APPENDIX IX. Combined moderation by Maithon and Panchet dams of the Damodar River -- APPENDIX X. Peak flow of the Damodar River, Rhondia -- APPENDIX XI. Average monsoon discharge and suspended sediment of Damodar at Damodar Bridge Site -- APPENDIX XII. GIS as a

toolbox for flood, water & land resource planners.

Sommario/riassunto

Interweaving the human aspects of river control with analysis of hydrophysical data, including historical data over the last few centuries, this monograph is a comprehensive evaluation of the Damodar's lower reaches. While the Damodar River isn't an exceptional tropical river, nor does it feature classic examples of river control structures, it is unusual and worthy of study due to the fact that nowhere else in the tropical world have riverine sandbars been used as a resource base as well as for permanent settlements. Based on their knowledge of river stages, the inhabitants have fine-tuned their land use to flood events, applying a concept of flood zoning to the riverbed. Every available space has been utilized rationally and judiciously. This rare human-environmental study analyzes the remarkable way in which immigrants unfamiliar with the riverine environment have adapted to the altered hydrologic regime of the river. In doing so they have demonstrated a sophisticated understanding of the flood regime and the vagaries of an unpromising environment in their land use, cropping and settlement patterns. Spurred on by restricted social and economic mobility and sometimes political constraints, these self-settled refugees have learned to adapt to their environment and live with the floods. Bhattacharyya's text is particularly timely, as anthropogenic processes of this kind have not been adequately studied by geographers. "Bhattacharyya's superb study describes and analyzes the interrelationship of geomorphic setting, resource base, perceived environment and social space as well as the role of legal structures, economic geography and infrastructure in accounting for the way society has adapted to, altered and utilized a once natural dynamic environment. Through historical reconstruction of the riverine scene along with marshalling of data on river behavior and social change, including the presentation of detailed studies of settlements within the alluvial bottomland brought to life with excellent maps, the author makes clear how people, ranging from refugees to local settlers have transformed the landscape driven by diverse cultural, economic, religious, and political forces. The author's description of the sophisticated way in which environment, social status, and culture are interwoven in the distribution of crops and associated microtopography is masterful". (Prof. M. Gordon Wolman, Department of Geography and Environmental Engineering, The Johns Hopkins University, Baltimore, MD, USA).

2. Record Nr.	UNINA9910790084403321
Titolo	Neurodevelopmental Disabilities [[electronic resource]] : Clinical Care for Children and Young Adults / / edited by Dilip R. Patel, Donald E. Greydanus, Hatim A. Omar, Joav Merrick
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2011
ISBN	94-007-0627-8
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (495 p.)
Disciplina	618.928 618.928588
Soggetti	Medicine Neurosciences Family medicine Maternal and child health services Neurology Pediatrics Medicine/Public Health, general General Practice / Family Medicine Maternal and Child Health Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword: I Leslie Rubin, MD -- Chapter 1: Neurodevelopmental disabilities: Introduction and epidemiology, Dilip Patel and Joav Merrick -- Chapter 2: Basic concepts of developmental diagnosis, Dilip Patel -- Chapter 3: Psychological assessment and testing, Margo Adams Larsen, Erin Tentis-Berglund, Robin Joseph and Helen D Pratt -- Chapter 4: Inborn errors of metabolism, Manmohan Kamboj -- Chapter 5: Genetic evaluation in developmental disabilities, Helga Toriello -- Chapter 6: Neurodevelopmental aspects of common genetic syndromes, Helga Toriello -- Chapter 7: Autism spectrum disorders, Ahsan Nazeer -- Chapter 8: Attention deficit hyperactivity disorder, Donald E Greydanus -- Chapter 9: Sleep in children and adolescents with neurobehavioral

disorders, Bantu Chhangani and Donald E Greydanus -- Chapter 10: Learning disabilities, Helen D Pratt and Donald E Greydanus -- Chapter 11: Intellectual disability, Dilip Patel and Joav Merrick -- Chapter 12: Developmental language disorders, Nikola Nelson -- Chapter 13: Disorders of speech and voice, Helen Sharp and Stephen M Tasko -- Chapter 14: Tic disorders, Donald E Greydanus -- Chapter 15: Medical management of cerebral palsy, Nancy N Dodge -- Chapter 16: Myelomeningocele, Dilip R Patel -- Chapter 17: Pain in individuals with intellectual and developmental disabilities, Lynn Breau, Meir Lotan and Jeffrey L Koh -- Chapter 18: Visual impairment, Katherine Bergwerk -- Chapter 19: Impact of neurodevelopmental disorders on hearing in children and adolescents, Bharti Katbamna and Teresa Crumpton -- Chapter 20: Sexuality and gynecological care, Donald E Greydanus and Hatim Omar -- Chapter 21: Dental aspects, Ilan Feldberg and Joav Merrick -- Chapter 22: General medical care of individuals with developmental disabilities, Joav Merrick and Mohammed Morad -- Chapter 23: Principles of team care for children with developmental disabilities, Dilip Patel and Helen D Pratt -- Chapter 24: Working with the family and care givers, Helen D Pratt.

Sommario/riassunto

Developmental disabilities or neurodevelopmental disabilities (includes intellectual disability) are a diverse group of chronic disorders that begin at anytime during the development process (including conception, birth, and growth) up to 22 years of age and last throughout an individual's lifetime. Major disabilities include intellectual disability, learning disabilities, communication disorders, autism spectrum disorders, cerebral palsy and neural tube defects. This book is a handy guide for practicing physicians and allied health professionals, who care for children and adolescents with developmental disabilities and their families. Written and edited by experts in the field engaged in the practice of developmental disabilities, this book provides a concise and easily accessible source on the subject. The consistent style, simplicity of presentation and numerous tables and figures enhance the understanding of complex concepts. Dilip R Patel, MD, FAAP, FSAM, FAACPDM, FACSM, is professor in the Department of Pediatrics and Human Development at the Michigan State University College of Human Medicine, East Lansing, Michigan, USA. Donald E. Greydanus MD, FAAP, FSAM, FIAP (H) is Professor of Pediatrics and Human Development at Michigan State University College of Human Medicine (East Lansing, Michigan, USA) and Director of the Pediatrics Residency Program at Michigan State University/ Kalamazoo Center for Medical Studies (Kalamazoo, Michigan, USA). Hatim A Omar, MD, FAAP, Professor of Pediatrics and Obstetrics and Gynecology and Director of the Division of Adolescent Medicine, Department of Pediatrics, University of Kentucky, Lexington, USA. Joav Merrick, MD, MMedSci, DMSc, is professor of child health and human development affiliated with Kentucky Children's Hospital, University of Kentucky, Lexington, United States. The medical director of the Health Service, Division for Mental Retardation, Ministry of Social Affairs, Jerusalem and the founder and director of the National Institute of Child Health and Human Development, Israel.
