

1. Record Nr.	UNINA9910701854003321
Autore	Bailey Randall E
Titolo	Awareness and detection of traffic and obstacles using synthetic and enhanced vision systems [[electronic resource] /] / Randall E. Bailey
Pubbl/distr/stampa	Hampton, Va. : , : National Aeronautics and Space Administration, Langley Research Center, , [2012]
Descrizione fisica	1 online resource (vi, 60 pages) : color illustrations
Collana	NASA/TM ; ; 2012-217324
Soggetti	Enhanced vision Ground tests Workloads (psychophysiology) Flight tests Cockpits Air transportation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on June 25, 2012). "January 2012."
Nota di bibliografia	Includes bibliographical references (pages 54-60).

2. Record Nr.	UNINA9910557621503321
Autore	Mojiri Amin
Titolo	Wastewater Treatment: Current and Future Techniques
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (252 p.)
Soggetti	History of engineering & technology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This book examines the state-of-the-art water and wastewater treatment methods that can be applied to develop a sustainable treatment technique in the future. Of the several high-quality articles submitted, twelve were published after the peer-review process, with an acceptance rate of 59 percent. In the first section of this book, the articles include the occurrence and removal of emerging contaminants in water bodies. Moreover, the presence of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in water sources is discussed in detail. Subsequently, the removal of polycyclic aromatic hydrocarbons (PAHs), pharmaceuticals and personal care products (PPCPs), and dye with different physicochemical methods is investigated. In another section of this book, the removal of ammonia with anaerobic ammonium oxidation (anammox) is studied. Additionally, the elimination of heavy metals using the adsorption process, as an effective method, is discussed. Moreover, the performance of membrane bioreactors in the elimination of pollutants from landfill leachate is investigated in another article in this book. In addition to this, green and sustainable wastewater technologies (GSWTs) have recently attracted the attention of researchers. Therefore, nanoremediation and microalgae-based systems are discussed as the GSWTs.</p>

