

1. Record Nr.	UNINA9910695455703321
Titolo	Field management of chemical casualties handbook [[electronic resource]]
Pubbl/distr/stampa	Aberdeen Proving Ground, MD : , : Chemical Casualty Care Division, USAMRICD, , [2000]
Edizione	[2nd ed.]
Descrizione fisica	1 volume (various pagings) : digital, PDF file
Soggetti	Chemical Warfare Agents - poisoning Chemical Warfare - prevention & control Disaster Planning - methods Military Medicine Chemical agents (Munitions) - Toxicology - United States Chemical warfare - United States - Prevention Emergency management - United States - Methodology Medicine, Military - United States Handbook Handbooks and manuals. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from caption (viewed June 10, 2002). "July 2000." Title from title screen (viewed Dec. 1, 2006).
Sommario/riassunto	Provide concise, supplemental reading material for attendees of the Field Management of Chemical Casualties Course.

2. Record Nr.	UNINA9910141791703321
Titolo	Atlas of wood, bark and pith anatomy of eastern Mediterranean trees and shrubs : with a special focus on Cyprus / / A. Crivellaro, F.H. Schweingruber
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	9783642372353 364237235X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 583 pages) : color illustrations, maps (some color)
Collana	Life sciences Atlas of wood, bark and pith anatomy of Eastern Mediterranean trees and shrubs
Altri autori (Persone)	CrivellaroAlan Fritz HansSchweingruber
Disciplina	575.422160918224
Soggetti	Wood Gnetales
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographic references.
Nota di contenuto	Introduction -- Materials and Methods -- Definition of Anatomical Features -- Identification Keys -- Anatomical Description of Species -- List of Species and Families -- References.
Sommario/riassunto	This atlas presents anatomical descriptions of the xylem, bark and pith of 264 species belonging to 69 families. It highlights the anatomical diversity of trees, shrubs, dwarf shrubs, woody lianas and several of the prominent perennial herbs from the Eastern Mediterranean region, with a focus on the island of Cyprus. The island's topography and biogeographic history combine to provide a wide range of habitats and diverse flora including widespread, endemic, and ornamental species. The monograph for each species includes a description of the anatomical structures of the stem and twig xylem and the twig's bark and pith, as well as color micrographs of double-stained sections of each of these plant parts. These entries are accompanied by a photograph and a brief description of the plant including stem wood density, height, habit, flower, leaf and fruit characteristics, and a map showing its geographic and altitudinal distribution in the region. Xylem descriptions follow the IAWA lists of microscopic features for hardwood

and softwood identification. For bark and pith descriptions, a new coding system developed by the authors is applied. Lastly, the atlas offers a key for wood identification that was developed to differentiate between groups of species by using a small number of features that are unambiguous and clearly visible. The atlas will be a valuable guide for botanists, ecologists, foresters, archeologists, horticulturists and paleobotanists.

3. Record Nr.	UNINA9910991174503321
Autore	Weiland Claus
Titolo	The Hierarchy of Fluid Dynamic Equations : Foundations of the Second Mathematization Wave of Fluid Dynamics / / by Claus Weiland
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031711985 303171198X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XV, 292 p. 92 illus., 41 illus. in color.)
Collana	Physics and Astronomy Series
Disciplina	620.1064
Soggetti	Fluid mechanics Physics Thermodynamics Heat engineering Heat - Transmission Mass transfer Engineering Fluid Dynamics Classical and Continuum Physics Engineering Thermodynamics, Heat and Mass Transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. The Historical Background of the Theory of Fluid Dynamics -- 3. The Fluid Dynamic Equations in Symbolic Form -- 4. The Fluid Dynamic Equations in Component Form -- 5. The Navier-Stokes Equations in Cartesian Coordinates.

## Sommario/riassunto

This book is devoted to the most general governing equations of the fluid mechanics, namely the Navier-Stokes equations and their derivatives. These equations are presented in various manners: for several coordinate systems, for laminar and turbulent flows, for different thermodynamic states of gases, in dimensional and non-dimensional forms, and in an incompressible situation. All that is valid also for the different versions of the Navier-Stokes equations, where appropriate. The only way to solve the fluid dynamic equations for complex three-dimensional problems consists in the use of numerical integration methods. To deal with this request it is very helpful to formulate the complete set of governing equations in vector or vector-matrix form. This is true also for two equations turbulence models as well as for the description of non-equilibrium effects of thermodynamics. These requirements are fully addressed in this book. Graduate and doctoral students, who are concerned with the numerical solutions of the fluid dynamic equations for specific problems, may find in this book the suggestions regarding the degree of approximation which could be adequate for the task they consider. Further, persons who are interested in the evolution of the mathematical description of fluid dynamic issues, both from the scientific and also the historical side, may discover suggestions, advices and motivations in this book.

---