

1. Record Nr.	UNINA9910694484903321
Titolo	Illegal trade in wildlife : a North American perspective
Pubbl/distr/stampa	Montreal, Que., : Commission for Environmental Cooperation, c2005 Montreal, Quebec : , : Commission for Environmental Cooperation, , [2005] ©2005
Descrizione fisica	1 electronic text (24 p.) : col. ill., digital file
Disciplina	333.95416/097
Soggetti	Wild animal trade - North America Wild animal trade - Law and legislation - North America Wildlife smuggling - North America Cites Commission for environmental cooperation Natural environment Wildlife trade Invasive species North american free trade agreement Ecology Wildlife International union for conservation of nature Rhinoceros
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Commission for Environmental Cooperation of North America and North American Wildlife Enforcement Group". Issued as part of the Canadian Electronic Library, Documents collection, and Canadian public policy collection.
Nota di bibliografia	Includes bibliographical references (p. 24).
Nota di contenuto	Acronyms -- Preface -- 1. Introduction -- 2. The international wildlife trade -- 3. The illegal global trade in wildlife -- 4. A global response -- 5. Enforcement cooperation efforts in North America -- 6. NAWEG and the need for North American cooperation.

2. Record Nr.	UNINA9910299846603321
Titolo	Damage Growth in Aerospace Composites // edited by Aniello Riccio
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-04004-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (278 p.)
Collana	Springer Aerospace Technology, , 1869-1749
Disciplina	620 620.1 620.14 629.1
Soggetti	Aerospace engineering Astronautics Ceramic materials Mechanics, Applied Solids Aerospace Technology and Astronautics Ceramics Solid Mechanics
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.
Nota di contenuto	Introduction -- Detailed methodologies for integrated delamination growth and fiber-matrix damage progression simulation -- Delamination Growth in Composite Plates under Fatigue Loading Conditions -- Influence of intralaminar damage on the delamination crack evolution -- Microdamage modeling in laminates -- Finite element study of delaminations in notched composites -- Effect of the damage extension through the thickness on the calculation of the residual strength of impacted composite laminates -- A Fast Numerical Methodology for Delamination Growth Initiation Simulation -- An Experimental Study on the strength of out of plane loaded composite structures -- Buckling and collapse tests using advanced measurement systems -- Vacuum infusion manufacturing of CFRP panels with

induced delamination -- Lock-in Thermography to detect delamination in Carbon Fibers Reinforced Polymers (Carosena Meola and Giovanni M. Carlomagno).

Sommario/riassunto

This book presents novel methods for the simulation of damage evolution in aerospace composites that will assist in predicting damage onset and growth and thus foster less conservative designs which realize the promised economic benefits of composite materials. The presented integrated numerical/experimental methodologies are capable of taking into account the presence of damage and its evolution in composite structures from the early phases of the design (conceptual design) through to the detailed finite element method analysis and verification phase. The book is based on the GARTEUR Research Project AG-32, which ran from 2007 to 2012, and documents the main results of that project. In addition, the state of the art in European projects on damage evolution in composites is reviewed. While the high specific strength and stiffness of composite materials make them suitable for aerospace structures, their sensitivity to damage means that designing with composites is a challenging task. The new approaches described here will prove invaluable in meeting that challenge.
