

1. Record Nr.	UNINA9910525465103321
Autore	Pang Jian <1963->
Titolo	Noise and vibration control of automotive body // Jian Pang
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2019
ISBN	1-119-51552-1 1-119-51550-5 1-119-51551-3
Edizione	[1st edition]
Descrizione fisica	1 online resource (531 pages)
Disciplina	629.2/31
Soggetti	Automobiles - Noise Automobiles - Vibration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	A comprehensive and versatile treatment of an important and complex topic in vehicle design Written by an expert in the field with over 30 years of NVH experience, Noise and Vibration Control of Automotive Body offers nine informative chapters on all of the core knowledge required for noise, vibration, and harshness engineers to do their job properly. It starts with an introduction to noise and vibration problems; transfer of structural-borne noise and airborne noise to interior body; key techniques for body noise and vibration control; and noise and vibration control during vehicle development. The book then goes on to cover all the noise and vibration issues relating to the automotive body, including: overall body structure; local body structure; sound package; excitations exerted on the body and transfer functions; wind noise; body sound quality; body squeak and rattle; and the vehicle development process for an automotive body. Vehicle noise and vibration is one of the most important attributes for modern vehicles, and it is extremely important to understand and solve NVH problems. Noise and Vibration Control of Automotive Body offers comprehensive coverage of automotive body noise and vibration analysis and control, making it an excellent guide for body design engineers and testing engineers. Covers all the noise and vibration issues relating to the

automotive body Features a thorough set of tables, illustrations, photographs, and examples Introduces automotive body structure and noise and vibration problems Pulls together the diverse topics of body structure, sound package, sound quality, squeak and rattle, and target setting Noise and Vibration Control of Automotive Body is a valuable reference for engineers, designers, researchers, and graduate students in the fields of automotive body design and NVH.

2. Record Nr.	UNINA9910626105403321
Titolo	Climate change impact and adaptation in agricultural systems // edited by Jurg Fuhrer, Peter J. Gregory ; contributors, Phillip Alderman [and fifty others]
Pubbl/distr/stampa	Wallingford, England ; ; Boston, Massachusetts : , : CABI, , 2014 ©2014
ISBN	1-78064-290-3
Descrizione fisica	1 online resource (305 p.)
Collana	CABI Climate Change Series
Disciplina	363.73874 630.2 630.2515
Soggetti	Crops and climate Climatic changes Agricultural systems
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 at the end of each chapters and index.
Nota di contenuto	Contents; Contributors; Foreword; Climate Change Impact and Adaptation in Agricultural Systems - Introduction; 1 Climate Projections for 2050; 2 Rainfed Intensive Crop Systems; 3 Climate Sensitivity of Intensive Rice-Wheat Systems in Tropical Asia:Focus on the Indo-Gangetic Plains; 4 Climate Change Challenges for Low-Input Cropping and Grazing Systems - Australia; 5 Diversity in Organic and Agroecological Farming Systems for Mitigation of Climate Change

Impact, with Examples from Latin America; 6 UK Fruit and Vegetable Production - Impacts of Climate Change and Opportunities for Adaptation

7 Intensive Livestock Systems for Dairy Cows8 Climate Change and Integrated Crop-Livestock Systems in Temperate-Humid Regions of North and South America: Mitigation and Adaptation ; 9 Land Managed for Multiple Services; 10 Adaptation of Mixed Crop-Livestock Systems in Asia; 11 Enhancing Climate Resilience of Cropping Systems; 12 Shaping Sustainable Intensive Production Systems: Improved Crops and Cropping Systems in the Developing World; 13 The Role of Modelling in Adapting and Building the Climate Resilience of Cropping Systems 14 Agroforestry Solutions for Buffering Climate Variability and Adapting to Change15 Channelling the Future? The Use of Seasonal Climate Forecasts in Climate Adaptation; 16 Agricultural Adaptation to Climate Change: New Approaches to Knowledge and Learning; 17 What are the Factors that Dictate the Choice of Coping Strategies for Extreme Climate Events? The Case of Farmers in the Nile Basin of Ethiopia; Index; A; B; C; D; E; F; G; H; I; L; M; O; P; R; S; T; U; V; W

Sommario/riassunto

The focus of this book is future global climate change and its implications for agricultural systems which are the main sources of agricultural goods and services provided to society. These systems are either based on crop or livestock production, or on combinations of the two, with characteristics that differ between regions and between levels of management intensity. In turn, they also differ in their sensitivity to projected future changes in climate, and improvements to increase climate-resilience need to be tailored to the specific needs of each system. The book will bring together a seri
