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Titolo	Birds of Prey and Wind Farms : Analysis of Problems and Possible Solutions // edited by Hermann Hötter, Oliver Krone, Georg Nehls
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Descrizione fisica	1 online resource (VIII, 331 p. 133 illus., 103 illus. in color.)
Disciplina	621.042
Soggetti	Renewable energy resources Applied ecology Conservation biology Ecology Animal ecology Nature conservation Renewable and Green Energy Applied Ecology Conservation Biology/Ecology Animal Ecology Nature Conservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1 Introduction -- 2 Project structure and methods -- 3 Red Kite -- 4 Montagu's Harrier -- 5 White-tailed Eagle -- 6 Collision risk -- 7 Population growth and breeding success of birds of prey and development of wind energy in Germany -- 8 Conclusions estimate of risk, minimizing conflicts, practical recommendations and need for further research. <behaviour.
Sommario/riassunto	This book discusses the increase in number and capacity of wind farms in Germany and how this is affecting birds of prey. Several methods are used to study the behaviour of birds of prey in relation to wind farms, including telemetry data, field observations, and comparisons of turbine base areas. Special attention is given to the effects on different

bird species and the impact wind farms may have on population growth and breeding success of birds of prey. Chapter 6 discusses the collision risks at wind turbines and provides an analysis of the fatalities. In the concluding chapter, ideas are put forward to help minimize conflicts, estimate risks, and offer practical recommendations for future research. This book will be of interest to wind farm developers, researchers, applied ecologists and landscape planners.

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