Introduction to Space Law
Tanja Masson-Zwaan 2019-04-11 The relevance and substance of space law as a branch of public international law continues to expand. The fourth edition of this long-classic in the field of space law has been substantially rewritten to reflect new developments in space law and technology of the past ten years, but the main structure of the original book has been preserved. This updated text includes new or substantially expanded material on the proliferation of non-state and commercial entities as space actors, the appearance of innovations in space technology, the evolving international law of satellite telecommunications in a networked world, and the adoption of national laws and international soft law mechanisms to accommodate new space activities and challenges. The authors also present an updated and expanded discussion of the complex interplay between hard law (international law) and soft law (national law and practice) that play a role in new and traditional areas of space activity, including the following: the peaceful uses of outer space; protection of the space environment; the emergence of new legal mechanisms in responding to the challenges of new space actors; the protection of orbital resources; space debris reduction; and the global governance of geostationary orbit and other space objects. In line with the new many developments in the field, this thoroughly updated Introduction to Space Law provides a clear overview of the legal aspects of a wide array of current and emerging space activities. Lawyers, policymakers, diplomats, students, and professionals in the telecommunications and aerospace sector, with or without a legal background, will find concise yet comprehensive guidance in this book that will help them understand and address legal issues in the ever-changing field of space activities.

Advanced Introduction to Space Law
Franz von der Dunk 2020-09-25 Franz von der Dunk, a leading authority on space law, presents an updated introduction to the field, explaining the legal rules, rights and obligations applicable to activities in outer space and activities that precede operations in space. He analyzes the elements of this new as well as how new international organizations relate to the core tenets of space law. Space Law - Francis Lyall 2016-04-01 The opening of space to exploration and use has had profound effects on society. Remote sensing by satellite has improved meteorology, land use and the monitoring of the environment. Minerals, meteorites, and other earth materials inform us of visually of events in former remote locations, as well as providing many entertainment uses. World telecommunications facilities have been revolutionized. Global navigation satellites are in widespread use. Telecommunications in space have also been revolutionized. Television and radio stations orbiting the earth can provide television programs and radio programs to people all over the world. The internet has also provided a means of communication to people all over the world. Space law is the legal system that regulates the activities of states and private companies in space. This book examines some of the basic principles of space law, including the legal status of outer space and the activities that take place there. It also highlights the importance of space law in the context of current and emerging space activities, such as space tourism and space mining. The book concludes with a discussion of the role of international organizations, such as the United Nations Committee on the Peaceful Uses of Outer Space, in promoting and maintaining the principles of outer space law.

Fundamentals of Space Law and Policy
Fabio Tronchetti 2013-06-29 This book provides a comprehensive introduction to the legal aspects of space activities, with a focus on the principles and norms that govern the use of outer space. It covers the history of space law, the legal framework governing space activities, and the emerging trends in the field. The book is designed to serve as a reference tool for academics, professionals and policy-makers with an interest in Space Law.
tasks aimed at the exploration and use of outer space for peaceful purposes. May they continue to support humankind’s space activities throughout the years to come.

Other Space in Society, Politics, and Law - Christian Brümmer 2013-08-30 Spaceflight is a national undertaking, yet full of enthusiasm. It is a dream of mankind and a multilateral enterprise like no other. It is a quest for the unknown, a quest for what lies beyond our reach. The reader will realize the impact space and spaceflight have base on progress – What have we learned and what we mean in practice - The reader will realize the impact space and spaceflight have. The reader will realize the impact space and spaceflight have on the future of society.

Global Space Governance: An International Study 2017-01-07 This book is based on findings and recommendations of the Global Space Governance study commissioned by the 2014 Montreal Declaration on the regulation and control of outer space activities. The report presents a comprehensive analysis of the existing legal framework, and provides recommendations for improving it. The report is intended for policymakers, legal experts, and space enthusiasts.

Defining the Limits of Outer Space for Regulatory Purposes—Cláudio de Oliveira Bittencourt Neto 2013-05-14 With different countries adhering to different theories of air-space and outer space law, Dr. Bittencourt Neto proposes in this Brief a reassessment of the international law related to the extension of state territories vertically. Taking into consideration the vast number of proposals offered by scholars and diplomatic delegations on this subject matter, as well as the principles of compensatory law, a compromise to allow for peaceful development in the only way forward. The author argues for setting the delimitation of the frontier between air space and outer space at 100 km above mean sea level through an international treaty. This would also regulate passage rights for space objects during launchings and reentries, as long as those space activities are peaceful, conducted in accordance with international law and respecting the sovereign interests of the territorial State.

Continuing expansion of the commercial space industry and conflicting national laws require a stable and fair legal framework best adjudicated by the United Nations, instead of allowing a patchwork system to persist. The proper framework for developing such regulation is carefully discussed from all angles with a practical recommendation for policy-makers in the field.

A Fresh View on the Outer Space Treaty—Annette Froehlich 2013-05-31 This book gives a first insight into where the next generation considers room for further improvement of the Outer Space Treaty in order to cope with upcoming aspects such as providing solutions for the emerging commercial, economic, environmental and social questions. At the time of the adoption of the Outer Space Treaty in 1967 the purpose of this treaty was to avoid conflicting military situations in space. However, 50 years later the Outer Space Treaty is in demand to meet the ever increasing space activities and the different actors involved such as the rise of the private sector players.

Handbook on Space, Place and Law—Bölb Bölt 2021-04-30 This innovative Handbook provides an expansive interrogation of the spaces and places of law, exploring how we engage relationally in a material world, within which we are inter-dependent and reliant, and governed by laws in a dynamic process. It advances novel insights into the numerous intersections of space, place and law in our lives.

Customary International Law in Times of Fundamental Change—Michael P. Scharf 2013-06-31 This book explores the concept of ‘Grotian Moments’. Named for Hugo Grotius, whose masterpiece De jure belli ac pacis helped marshal in the modern system of international law, Grotian Moments are transformative developments that generate the unique conditions for accelerated formation of customary international law. In periods of fundamental change, whether by technological advances, the commission of new forms of crimes against humanity, or the development of new means of warfare or terrorism, customary international law may form much more rapidly and with less state practice than is normally the case to keep up with the pace of developments. The book examines the historic underpinnings of the Grotian Moment concept, provides a theoretical framework for testing its existence and application, and analyzes six case studies of potential Grotian Moments: Nuremberg, the continental shelf, space law, the Yugoslavia Tribunal’s Tadic decision, the 1999 NATO intervention in Serbia and the 9/11 terrorist attacks.