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A Level Chemistry for OCR A: Year 2 Cambridge International AS and A Level Chemistry **Trotsky Markets, Morals, and Policy-Making** **Law and Economics in Europe and the U.S.** **Das Zeitalter der Interdependenz** *Die Wüsten der Griechen* ?????, ?????? ? ?????????????? ??????????. ?????? ??????? ? ??????? ??????????? ??????????? ?????? **Queen Victoria** **Monthly Energy Review** **The Crimean War in Imperial Context, 1854-1856** **Torpedo Opportunities in Intense Ultrafast Lasers** **Smith and Hogan's Criminal Law** *Telephone Directory* **The Official Guide of the Railways and Steam Navigation Lines of the United States, Puerto Rico, Canada, Mexico and Cuba** **Criminalising Medical Malpractice** **The Journal of Belarusian Studies 2017** **Code of Federal Regulations, Title 40, Protection of Environment, PT. 52 (52.01-52-1018), Revised as of July 1, 2010** *Pillar of the Constitution* *English Paleography and Manuscript Culture, 1500-1800* (Mehr-)Sprachigkeit und *Lingualismus* **Smith, Hogan, and Ormerod's Criminal Law** **Bering Glacier** **Code of Federal Regulations** **A History of Cyprus** **Merenstein & Gardner's Handbook of Neonatal Intensive Care - E-Book** **Merenstein & Gardner's Handbook of Neonatal Intensive Care** **The Life of the Fourth Earl of Rochford (1717-1781)** *Strategische Unternehmensberatung* *Tide Tables, High and Low Water Predictions* *Geographie in der antiken Welt* **Report of the Commissioners Appointed to Take the Census of Ireland, for the Year 1841** *Merchant Vessels of the United States* **United States Civil Aircraft Register** **Census of the Commonwealth of Australia, 30th June 1961** **Merchant Vessels of the United States... Register of Commissioned and Warrant Officers of the United States Naval Reserve** **Historische Hochwässer der Wiener Donau und ihrer Zubringer** **Praktiken frühneuzeitlicher Historiographie**

Die Wüsten der Griechen Apr 29 2022

Code of Federal Regulations Oct 12 2020 Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

Praktiken frühneuzeitlicher Historiographie Jun 27 2019 Wie wurde in der Frühen Neuzeit die Vergangenheit erforscht? Wie „machten“ Historiker, Genealogen oder Antiquare historisches Wissen und positionierten sich damit an Höfen, gegenüber Auftraggebern oder in der Gelehrtenrepublik? In diesem Band geht es um gelehrte Praktiken im weiten Feld frühneuzeitlicher Geschichtsschreibung sowie um die ökonomische und logistische Seite des Forschens, Reisens und Publizierens.

Opportunities in Intense Ultrafast Lasers Oct 24 2021 The laser has revolutionized many areas of science and society, providing bright and versatile light sources that transform the ways we investigate science and enables trillions of dollars of commerce. Now a second laser revolution is underway with pulsed petawatt-class lasers (1 petawatt: 1 million billion watts) that deliver nearly 100 times the total world's power concentrated into a pulse that lasts less than one-trillionth of a second. Such light sources create unique, extreme laboratory conditions that can accelerate and collide intense beams of elementary particles, drive nuclear reactions, heat matter

to conditions found in stars, or even create matter out of the empty vacuum. These powerful lasers came largely from U.S. engineering, and the science and technology opportunities they enable were discussed in several previous National Academies' reports. Based on these advances, the principal research funding agencies in Europe and Asia began in the last decade to invest heavily in new facilities that will employ these high-intensity lasers for fundamental and applied science. No similar programs exist in the United States. Opportunities in Intense Ultrafast Lasers assesses the opportunities and recommends a path forward for possible U.S. investments in this area of science.

Merenstein & Gardner's Handbook of Neonatal Intensive Care - E-Book Aug 10 2020

Merenstein & Gardner's Handbook of Neonatal Intensive Care, 8th Edition, is the leading resource for collaborative, interprofessional critical care of newborns. Co-authored by physicians and nurses, it offers concise, comprehensive coverage with a unique multidisciplinary approach and real-world perspective that make it an essential guide for both neonatal nurses and physicians. The 8th edition features the latest neonatal research, evidence, clinical guidelines, and practice recommendations — all in a practical quick-reference format for easy retrieval and review of key information. UNIQUE! Multidisciplinary author and contributor team consists of two physicians and two nurses, with each chapter written and reviewed by a physician-nurse team to ensure that information mirrors current, real-world practice in a neonatal intensive care unit. Critical Findings boxes and tables outline symptoms and diagnostic findings that require immediate attention, helping you prioritize assessment data and steps in initial care. UNIQUE! Clinical content highlighted in color allows you to quickly scan for information that directly affects patient care. UNIQUE! Parent Teaching boxes highlight relevant information to share with a patient's caregivers. Clinical images, graphs, and algorithms illustrate clinically relevant concepts in neonatal intensive care. Streamlined references include only the most current or classic sources. NEW! Coverage of the latest neonatal research, evidence, clinical guidelines, and practice recommendations addresses topics such as: women with chronic illnesses becoming pregnant; maternal obesity; hypotension and shock in premature infants; pain and sedation; dedicated feeding sets vs. IVs for safety; MRSA; pediatric stroke; autism screening; discharge coordination; and more. NEW! The latest AAP recommendations and guidelines for hypoglycemia, jaundice, herpes, respiratory syncytial virus, and neonatal transport team composition. EXPANDED! Revised Evidence-Based Clinical Practice chapter focuses on evidence-based practice and quality improvement and the role of qualitative research in EBP. EXPANDED! Updated Infection in the Neonate chapter features new GBS guidelines and CRP research.

Torpedo Nov 24 2021 When President Eisenhower referred to the "military-industrial complex" in his 1961 Farewell Address, he summed up in a phrase the merger of government and industry that dominated the Cold War United States. In this bold reappraisal, Katherine Epstein uncovers the origins of the military-industrial complex in the decades preceding World War I, as the United States and Great Britain struggled to perfect a crucial new weapon: the self-propelled torpedo. Torpedoes threatened to upend the delicate balance among the world's naval powers, they were bought and sold in a global marketplace, and they were cutting-edge industrial technologies. But building them required substantial capital investments and close collaboration among scientists, engineers, businessmen, and naval officers. To address these formidable challenges, the U.S. and British navies created a new procurement paradigm: instead of buying finished armaments from the private sector or developing them from scratch at public expense, they began to invest in private-sector research and development. The inventions emerging from torpedo R&D sparked legal battles over intellectual property rights that reshaped national

security law. Torpedo blends military, legal, and business history with the history of science and technology to recast our understanding of defense contracting and the demands of modern warfare.

The Life of the Fourth Earl of Rochford (1717-1781) Jun 07 2020

United States Civil Aircraft Register Dec 02 2019

Merenstein & Gardner's Handbook of Neonatal Intensive Care Jul 09 2020 Merenstein & Gardner's Handbook of Neonatal Intensive Care, 8th Edition, is the leading resource for collaborative, interprofessional critical care of newborns. Co-authored by physicians and nurses, it offers concise, comprehensive coverage with a unique multidisciplinary approach and real-world perspective that make it an essential guide for both neonatal nurses and physicians. The 8th edition features the latest neonatal research, evidence, clinical guidelines, and practice recommendations - all in a practical quick-reference format for easy retrieval and review of key information. UNIQUE! Multidisciplinary author and contributor team consists of two physicians and two nurses, with each chapter written and reviewed by a physician-nurse team to ensure that information mirrors current, real-world practice in a neonatal intensive care unit. Critical Findings boxes and tables outline symptoms and diagnostic findings that require immediate attention, helping you prioritize assessment data and steps in initial care. UNIQUE! Clinical content highlighted in color allows you to quickly scan for information that directly affects patient care. UNIQUE! Parent Teaching boxes highlight relevant information to share with a patient's caregivers. Clinical images, graphs, and algorithms illustrate clinically relevant concepts in neonatal intensive care. Streamlined references include only the most current or classic sources. NEW! Coverage of the latest neonatal research, evidence, clinical guidelines, and practice recommendations addresses topics such as: women with chronic illnesses becoming pregnant; maternal obesity; hypotension and shock in premature infants; pain and sedation; dedicated feeding sets vs. IVs for safety; MRSA; pediatric stroke; autism screening; discharge coordination; and more. NEW! The latest AAP recommendations and guidelines for hypoglycemia, jaundice, herpes, respiratory syncytial virus, and neonatal transport team composition. EXPANDED! Revised Evidence-Based Clinical Practice chapter focuses on evidence-based practice and quality improvement and the role of qualitative research in EBP. EXPANDED! Updated Infection in the Neonate chapter features new GBS guidelines and CRP research.

Das Zeitalter der Interdependenz May 31 2022 Sozialwissenschaftliche Debatten über globale Verflechtungen zwischen den 1960er und den 1980er Jahren. Ab den späten 1960er Jahren diskutierten Zeitgenossen intensiv über globale Verflechtungen in Weltpolitik und Weltwirtschaft. Mehr als ein Jahrzehnt vor dem Einsetzen der Globalisierungsdebatte erklärten sie ihre Gegenwart zum "Zeitalter der Interdependenz". Martin Deuerlein untersucht für die USA und die Sowjetunion erstmals umfassend solche globalistischen Gegenwartsdiagnosen in den Sozialwissenschaften und ihre Wechselwirkungen mit der internationalen Politik. Der Autor zeigt, wie das im 19. Jahrhundert etablierte Verständnis von Interdependenz als Verflechtung nationaler Einheiten ab den 1960er Jahren hinterfragt wurde. Die Zunahme von Welthandel und Finanzströmen, "globale Probleme" wie Hunger und Umweltverschmutzung und die neue Bedeutung multinationaler Unternehmen und anderer transnationaler Akteure ließen Beobachter an bisherigen Annahmen zweifeln. Vor dem Hintergrund des Ost-West- und des Nord-Süd-Konflikts wirkte globale Verflechtung zunehmend bedrohlich und schien neue politische Ansätze zu erfordern. Wie eine den gewandelten Rahmenbedingungen angepasste Weltordnung jedoch aussehen sollte, war heftig umstritten - eine Frage, die bis heute nichts von ihrer Relevanz verloren hat.

Tide Tables, High and Low Water Predictions Apr 05 2020 "This table contains the predicted times and heights of the high and low waters for each day of the year at a number of places, which are designated as reference stations

The Crimean War in Imperial Context, 1854-1856 Dec 26 2021 The Crimean War was fought far from its namesake peninsula in Ukraine. Until now, accounts of Britain's and France's naval campaigns against Czarist Russia in the Baltic, White Sea, and Pacific have remained fragmented, minimized, or thinly-referenced. This book considers each campaign from an imperial perspective extending from South America to Finland. Ultimately, this regionally-focused approach reveals that even the smallest Anglo-French naval campaigns in the remote White Sea had significant consequences in fields ranging from medical advances to international maritime law. Considering the perspectives of neutral powers including China, Japan, and Sweden-Norway, allows Rath to examine the Crimean conflict's impact on major historical events ranging from the 'opening' of Tokugawa Japan to Russia's annexation of large swaths of Chinese territory. Complete with customized maps and an extensive reference section, this will become essential reading for a varied audience.

Merchant Vessels of the United States... Sep 30 2019

A History of Cyprus Sep 10 2020 A rich, varied history of conquerors and colonizers which recognizes the centrality of Cyprus to the Mediterranean world.

Strategische Unternehmensberatung May 07 2020 Führende Unternehmensberatungen (u.a. Roland Berger, Arthur D. Little, Andersen Consulting, Kienbaum) stellen Lösungsvorschläge für unterschiedliche strategische Probleme sowie ihre Vorstellungen vom Ablauf der Beratungsprozesse und der strategischen Unternehmensführung vor. Der Leser gewinnt umfassende Kenntnisse über Konzeptionen und Vorgehensweisen professioneller Berater.

The Journal of Belarusian Studies 2017 May 19 2021

Report of the Commissioners Appointed to Take the Census of Ireland, for the Year 1841 Feb 02 2020

Code of Federal Regulations, Title 40, Protection of Environment, PT. 52 (52.01-52-1018), Revised as of July 1, 2010 Apr 17 2021

Law and Economics in Europe and the U.S. Jul 01 2022 This volume traces the evolution of the field of law and economics from its European roots to its neoclassical "Chicagoan" period to its current identity as a more fluid, transatlantic discipline. Paying special attention to the work of German economist Juergen Backhaus, who was instrumental in the reintroduction of the European perspective to the field, this book analyzes this gradual shift in the law and economics debate and provides a state-of-the-art of the literature currently being produced by the field's most active scholars. Beginning with a discussion of the history of the field and Backhaus' role in its development, the volume provides a survey of issues central to the current debate such as legal processes in both Europe and the U.S., constitutional political economy, regulatory law, and the ongoing evolution of the European Union. The importance of this volume is two-fold, as it firmly grounds the discipline in history while establishing a future research agenda. This book will be of use to researchers studying law and economics as well as those interested in institutional analysis.

Trotsky Sep 03 2022 Revolutionary practitioner, theorist, factional chief, sparkling writer, 'ladies' man' (e.g., his affair with Frieda Kahlo), icon of the Revolution, anti-Jewish Jew, philosopher of everyday life, grand seigneur of his household, father and hunted victim, Trotsky lived a brilliant life in extraordinary times. Robert Service draws on hitherto unexamined archives and on his profound understanding of Russian history to draw a portrait of the man and his legacy, revealing that though his followers have represented Trotsky as a pure revolutionary

soul and a powerful intellect unjustly hounded into exile by Stalin and his henchmen. The reality is very different, as this masterful and compelling biography reveals.

Cambridge International AS and A Level Chemistry Oct 04 2022 Endorsed by Cambridge Assessment International Education for full syllabus coverage Foster a deeper understanding of theoretical concepts through clear guidance and opportunities for self-assessment throughout; covers the entire Cambridge International AS & A Level Chemistry syllabus (9701). - Navigate the different routes through the course with ease with clearly divided sections for AS and A Level. - Focus learning with learning outcomes clearly defined at the beginning of each section - Test knowledge and understanding with past paper and exam-style questions - Address the Key Concepts in the syllabus, which are clearly highlighted throughout the course The Revision and Practice CD included with every Student's Book provides interactive tests, summaries of each topic and advice on examination techniques.

Register of Commissioned and Warrant Officers of the United States Naval Reserve Aug 29 2019

Census of the Commonwealth of Australia, 30th June 1961 Oct 31 2019

Pillar of the Constitution Mar 17 2021 This collection of original essays deals with aspects of the history of the House of Lords in the seventeenth and eighteenth centuries, including the internal management of the Lords and its external influence.

A Level Chemistry for OCR A: Year 2 Nov 05 2022 Please note this title is suitable for any student studying: Exam Board: OCR Level: A Level Year 2 Subject: Chemistry First teaching: September 2015 First exams: June 2017 Written by curriculum and specification experts in partnership with OCR, this Student Book supports and extends students through the new course while delivering the breadth, depth, and skills needed to succeed in the new A Level and beyond. It develops true subject knowledge while also developing essential exam skills. Covers the second year worth of content required for the new OCR Chemistry A A Level specification.

Markets, Morals, and Policy-Making Aug 02 2022 Free-market economics has attempted to combine efficiency and freedom by emphasizing the need for neutral rules and meta-rules. These efforts have only been partly successful, for they have failed to address the deeper, normative arguments justifying – and limiting – coercion. This failure has thus left most advocates of free-market vulnerable to formulae which either emphasize expediency or which rely upon optimal social engineering to foster different notions of the common will and of the common good. This book offers the reader a new perspective on free-market economics, one in which the defense of markets is no longer based upon the utilitarian claim that free markets are more efficient; rather, the defense of markets rests upon the moral argument that top-down coercive policy-making is necessarily in tension with the rights-based notion of justice typical of the Western tradition. In arguing for a consistent moral basis for the free-market view, we depart from both the Austrian and neoclassical traditions by acknowledging that rationality is not a satisfactory starting point. This rejection of rationality as the complete motivator for human economic behaviour throws constitutional economics and the law-and-economics tradition into new relief, revealing these approaches as governed by considerations derived by various notions of social efficiency, rather than by principles consistent with individual freedom, including freedom to choose. This book shows that the solution is in fact a better understanding of the lessons taught by the Scottish Enlightenment: the role of the political context is to ensure that the individual can pursue his own ends, free from coercion. This also implies individual responsibility, respect for somebody else's preferences and for his entrepreneurial instincts. Social virtue is not absent from this understanding of politics, but rather than being defined through the priorities of policy-makers, it emerges as the outcome of interaction among self-determining individuals. The strongest and

most consistent case for free-market economics, therefore, rests on moral philosophy, not on some version of static-efficiency theorizing. This book should be of interest to students and researchers focussing on economic theory, political economics and the philosophy of economic thought, but is also written in a non-technical style making it accessible to an audience of non-economists.

The Official Guide of the Railways and Steam Navigation Lines of the United States, Puerto Rico, Canada, Mexico and Cuba Jul 21 2021 Also time tables of railroads in Central America. Air line schedules.

Smith, Hogan, and Ormerod's Criminal Law Dec 14 2020 Smith, Hogan, & Ormerod's Criminal Law is rightly regarded as the leading doctrinal textbook on criminal law in England and Wales. Published in its first edition over fifty years ago, it continues to be a key text for undergraduates and an essential reference source for practitioners.

Geographie in der antiken Welt Mar 05 2020 In ancient times, there were few and simple technical tools which could be used for navigation. Nevertheless, people have discovered that the earth is round. How could they estimate their size? How could military leaders like Alexander the Great lead their armies over thousands of kilometers in completely unknown parts of the world? Or how could merchants and settlers find new places? With her book Daniela Dueck provides the reader with an overview of the geographical knowledge of this period.

Queen Victoria Feb 25 2022 This biography evokes the pervasive importance of religion to Queen Victoria's life but also that life's centrality to the religion of Victorians around the globe. The first comprehensive exploration of Victoria's religiosity, it shows how moments in her life—from her accession to her marriage and her successive bereavements—enlarged how she defined and lived her faith. It portrays a woman who had simple convictions but a complex identity that suited her multinational Kingdom: a determined Anglican who preferred Presbyterian Scotland; an ardent Protestant who revered her husband's Lutheran homeland but became sympathetic towards Roman Catholicism and Islam; a moralizing believer in the religion of the home who scorned Sabbatarianism. Drawing on a systematic reading of her journals and a rich selection of manuscripts from British and German archives, Michael Ledger-Lomas sheds new light not just on Victoria's private beliefs but also on her activity as a monarch, who wielded her powers energetically in questions of church and state. Unlike a conventional biography, this book interweaves its account of Victoria's life with a panoramic survey of what religious communities made of it. It shows how different churches and world religions expressed an emotional identification with their Queen and Empress, turning her into an embodiment of their different and often rival conceptions of what her Empire ought to be. The result is a fresh vision of a familiar life, which also explains why monarchy and religion remained close allies in the nineteenth-century British world.

English Paleography and Manuscript Culture, 1500-1800 Feb 13 2021 This richly illustrated book provides an essential introduction to the manuscript in early modern England. From birth to death, parish record to probate inventory, writing framed the lives of the early modern English. Offering a technical introduction to the handwriting of the period, case studies tracing the significance of manuscript to British cultural identity, and exercises to practice reading and transcription, the book opens the study of early modern English manuscript to a new generation of students and scholars.

Merchant Vessels of the United States Jan 03 2020

Telephone Directory Aug 22 2021 Each issue includes a classified section on the organization of the Dept.

Criminalising Medical Malpractice Jun 19 2021 The criminalisation of healthcare malpractice

has become a highly topical and somewhat controversial question in recent years. Studies have demonstrated that in England and Wales, the trend towards holding healthcare professionals to account for malpractice is rapidly growing, abolishing the deference doctors enjoyed decades ago. The changing attitude of judges to claims for clinical negligence has been well documented. The role of the criminal process in England and Wales has been less fully analysed with the criminal law playing a very limited role until recently in the regulation of poor healthcare practice. In contrast, in France, the criminal process has for a long time been invoked more readily to respond to cases of healthcare malpractice, which involved even mere errors. This book compares English and French criminal law responses to healthcare malpractice and considers what lessons the French model can provide for potential reform in England and elsewhere. The book takes the HIV-contaminated blood episode as a primary example of the different approaches France and England have in dealing with healthcare malpractice. Kazarian emphasises the impact of rules of substantive criminal law and criminal procedure on the way in which healthcare malpractice is criminalised in a given country. This book explores the key lessons to be drawn on whether the criminal process is an appropriate means to respond to instances of healthcare malpractice. It proposes that features of French criminal law and criminal procedure might be useful to counteract healthcare malpractice.

(Mehr-)Sprachigkeit und Lingualismus Jan 15 2021 ›Mehrsprachigkeit‹ ist zu einem zentralen Schlagwort auch außerhalb des akademischen Diskurses avanciert, vor allem auf der Ebene supranationaler EU-Politik. So trat etwa 2007 erstmals ein EU-Kommissar mit eigenem Portfolio für Mehrsprachigkeit sein Amt an. Aber kommen die sprachpolitischen Kommunikationsbemühungen der EU bei ihren Adressaten, den nationalen Mitgliedsstaaten auch wirklich an? In einer kritisch-diskursanalytischen Fallstudie wird untersucht, wie und in welchem Ausmaß die diskursiv betriebene Mehrsprachigkeitspolitik der EU in Österreich rezipiert wird. Darüber hinaus wird der Frage nachgegangen, wie Sprache im Sinn von ›Sprachigkeit‹ in der Politik, den Medien und der Bevölkerung Österreichs diskursiv konstruiert wird. Hierzu werden Interviews mit Politikern, Zeitungsartikel und Gruppendiskussionen mit BürgerInnen nach dem diskurshistorischen Ansatz analysiert, wobei das Hauptaugenmerk auf sprachbezogenen Nominations-, Prädikations- und Argumentationsstrategien liegt.

Smith and Hogan's Criminal Law Sep 22 2021 'Criminal Law' is written with the needs of the student foremost in mind to provide, more than ever, as modern and as comprehensive an exposition of the criminal law as he or she could possibly require.

Historische Hochwässer der Wiener Donau und ihrer Zubringer Jul 29 2019 Die Zusammenstellung der historischen Hochwässer der Donau und ihrer Zubringer bei Wien entstand seit 1998 im Rahmen mehrerer Forschungsprojekte: Machland-Donau 1715-1991 (FWF Nr. P14959-B06), ENVIEDAN 1500-1890 (FWF Nr. P22265-G18), URBWATER (FWF Nr. P25796-G18) und in einigen kleineren Projekten. Sie umfasst Informationen zu rund 500 Hochwässern beginnend im Jahr 1012, die basierend auf historischen Quellen und Literatur sowie aktuellen Studien ermittelt wurden. Folgende Informationen wurden für die einzelnen Hochwässer erhoben und in Tabellenform aufgelistet: Zeitpunkt und Dauer, Ursache (Eisstoß, Regen, Tauwetter), Ort der Überschwemmung bzw. der Schäden, Intensität des Hochwassers, Art der Hochwasserschäden und sonstige relevante Informationen. In den letzten 500 Jahren sind primär drei Phasen mit verstärkter Hochwasseraktivität bemerkbar. Der erste Anstieg fällt genau mit der sogenannten „Grindelwald-Fluktuation“ zu Beginn der „Kleinen Eiszeit“ zusammen, als die Wiener Donau großflächig überformt wurde. Die zweite, wesentlich viel intensivere Hochwasserphase lässt sich für das gesamte 18. Jahrhundert, speziell für die Zeit zwischen 1768 und 1789, belegen. Aus diesem Zeitraum, gegen Ende der „Kleinen Eiszeit“, sind von der

Wiener Donau 36 Hochwässer überliefert, davon sieben extreme Ereignisse. Die dritte Phase hält seit Ende des 20. Jahrhunderts bis zum gegenwärtigen Zeitpunkt an. Sofern die historischen Quellen eine Rekonstruktion der Ursachen zulassen, wurden im 18. und im 19. Jahrhundert zwischen 45 und 55 % der Hochwässer durch Eisstöße hervorgerufen (wenn man die Hochwässer unbekanntens Typs außer Acht lässt). Durch die Regulierung der Donau verringerte sich die Gefahr von Eisstau-Hochwässern wesentlich. Zudem verursachten Stauhaltungen, klimatische Veränderungen und Einleitung von wärmeren Ab- und Kühlwässern im 20. Jahrhundert eine Erwärmung des Donauwassers um rund zwei Grad Celsius. The compilation of historical floods at the Viennese Danube River and its major tributaries has been produced within the framework of several research projects from 1998 onwards: Machland-Danube 1715-1991 (FWF No. P14959-B06), ENVIEDAN 1500-1890 (FWF No. P22265-G18), URBWATER (FWF No. P25796-G18) and in several smaller projects. It includes information on approximately 500 floods starting in 1012 that were identified based on historical sources and literature as well as current studies. For each flood event the following information was collected and listed in table format: date and duration, cause of flood (ice jam, rainfall, thaw flood), location of the inundation and of damages, intensity of flood, type of reported damages and other relevant information. Over the past 500 years, three phases with increased flood activity are particularly noticeable. The first increase coincides with the so-called "Grindelwald fluctuation" at the beginning of the "Little Ice Age", when the Viennese Danube river landscape was reshaped over a large area. The second, much more intense flood phase can be identified for the entire 18th century, in particular for the period 1768 – 1789. For this period, towards the end of the "Little Ice Age", 36 floods were documented, seven of these very severe. The third phase has lasted from the end of the 20th century to the present time. As far as the historical sources allow a reconstruction of flood causes, in the 18th and in the 19th century between 45 and 50 % of the floods were caused by ice jams (when floods of unknown type are not included). By regulating the Danube, the risk of ice jam floods decreased significantly. Moreover, impoundments, climatic change and influx of warmer waste and cooling waters in the 20th century led to a gradual warming of the Danube water by about two degrees Celsius.

Bering Glacier Nov 12 2020 Bering Glacier is the largest surging glacier in the world, having surged at least six times in the last 150 years. With the glacier advancing and retreating as much as 10 km over a surge cycle, it is one of the most physically and biologically dynamic places on Earth. This monograph presents the results of a comprehensive and diverse series of field studies and science investigations at Bering Glacier. The results reported are from a wide range of disciplines, including glaciology, geology, paleogeology, hydrology, limnology, oceanography, tectonics, geomorphology, geophysics, meteorology, remote sensing, climate change, anthropology, and ecological studies pertaining to vegetation, fish, and marine mammals. The compilation of these individual studies into a single publication allows for a more complete understanding of how the approximately 5,000 km² Bering Glacier system plays a major role in the greater southeastern coastal region of Alaska and through its wastage, its impact on the circulation of the northeast Pacific Ocean and on the global sea level.

Monthly Energy Review Jan 27 2022

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