

この授業は終了しました。

## 授業資料ナビゲータ(PathFinder)

教養展開科目(国際コア関連)

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### ジャパニーズスタディーズ3

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キーワード: remote sensing リモートセンシング geographic information system 地理情報システム  
geophysics 地球物理学 oceanography 海洋学 climatology 気候学 photogrammetry  
写真測量法 synthetic aperture radar 合成開口レーダー

☒ ←実際に利用した資料にはチェックをしましょう。

★のついている図書は、授業開始から1年間は本館N棟2階授業資料ナビコーナーに配架します。

**Web** 授業のテーマに関連したデータベースやサイトです。

- ☐ JAXA Earth Observation Research Center (EORC) 【<http://www.eorc.jaxa.jp/>】  
→ The Japan Aerospace Exploration Agency (JAXA) EORC conducts analysis of satellite data, scientific research of earth observation instrumentation, and development and operation of the ground system of Earth-observing satellite data. The site provides an overview of fundamentals and principals or remote sensing as well as JAXA's satellites and sensors. Also contains a library of past and current satellite images, publications by EORC.
- ☐ Remote Sensing Technology Center of Japan (RESTEC) 【<https://www.restec.or.jp/>】  
→ RESTEC performs research and development of remote-sensing technology for investigating global phenomena and Earth resources using data obtained from satellites, and disseminating knowledge of remote-sensing technology in order to promote economic growth and social development as well as the well-being of Japan.
- ☐ NASA Earth Observatory 【<http://earthobservatory.nasa.gov/>】  
→ The National Aeronautics and Space Administration (NASA) Earth Observatory's mission is to share with the public the images, stories, and discoveries about climate and the environment that emerge from NASA research, including its satellite missions, in-the-field research, and climate models.
- ☐ NASA Climate 【<http://climate.nasa.gov/>】  
→ The mission of "Global Climate Change: Vital Signs of the Planet" is to provide the public with accurate and timely news and information about Earth's changing climate, along with current data and visualizations, presented from the unique perspective of NASA, the world's leading climate research agency.

**図書** 本には、テーマに関する内容がまとめられています。授業のテーマをつかむにはまずはここから始めましょう。

- ☐ Introduction to remote sensing / James B. Campbell, Randolph H. Wynne 5th ed Guilford Press c2011  
→ This book introduces widely used forms of remote sensing imagery and their applications in plant sciences, hydrology, earth sciences, and land use analysis. The text provides comprehensive coverage of principal topics and serves as a framework for organizing the vast amount of remote sensing information available on the Web.  
★【本館L棟3階A 512.75/INT】
- ☐ Remote sensing and image interpretation / Thomas M. Lillesand, Ralph W. Kiefer, Jonathan W. Chipman 6th ed John Wiley & Sons c2008  
→ The text examines the basics of analog image analysis while placing greater emphasis on digitally based systems and analysis techniques. The presentation is discipline neutral, so students in any field of study can gain a clear understanding of these systems and their virtually unlimited applications.  
【本館L棟3階A 512.75/REM】
- ☐ Global urban monitoring and assessment through earth observation / edited by Qihao Weng CRC Press 2014 Taylor & Francis series in remote sensing applications:10  
→ The book reviews the current state of global urban monitoring, assessment, modeling, and prediction through Earth observation and related technologies. It then introduces the Group on Earth Observation's (GEO) important international collaborative effort - Global Urban Observation and Information Task - and the current state of global urban remote sensing and future directions.  
★【本館L棟3階A 512.75/GLO】
- ☐ Remote sensing of natural resources / edited by Guangxing Wang, Qihao Weng CRC Press 2014 Taylor & Francis series in remote sensing applications:9  
→ Highlighting new technologies, this book explores advanced remote sensing systems and algorithms for image processing, enhancement, feature extraction, data fusion, image classification, image-based modeling, image-based sampling design, map accuracy assessment and quality control.  
★【本館L棟3階A 512.75/REM】
- ☐ 基礎からわかるリモートセンシング / 日本リモートセンシング学会編 理工図書 2011  
★【本館L棟3階A 512.75/KIS】

## ジャパニーズスタディーズ共通資料

「ジャパニーズ・スタディーズ」は「日本」という事例を通して、「世界」を学ぶ、また「世界」を通して「日本」を学ぶという目的を持った科目である。以下は国際教育センターがジャパニーズ・スタディーズを履修する皆さんに薦める本のリストです。The aim of courses categorized under the rubric "Japanese Studies" is to teach about the world, using Japan as a case-study, and vice-versa. The following list of recommended readings was compiled by the Center for International Research and Education for students who plan to attend Japanese Studies courses.

- ☐ A modern history of Japan : from Tokugawa times to the present / Andrew Gordon 3rd ed Oxford University Press c2014  
→ ジャパニーズスタディーズの科目の目的にふさわしい歴史の本である。それは1)現代日本の文化・社会を理解するにはこの400年ぐらいに起きた出来事を理解することが大前提であること、2)ゴールドンは現代化によって生じた変化は他の国と同様に、日本にもみられるというスタンスを守っていることにある。Already in its third edition, Gordon's monograph has become a classic textbook used in many universities around the world. The book offers also the advantage of holding the argument that the changes brought upon Japan by the process of modernization are not that different from those which have occurred in other countries.  
【本館K棟3階A 210.6/MOD】
- ☐ Critical issues in contemporary Japan / edited by Jeff Kingston Routledge 2014  
→ 現代日本が抱えている問題とは何か、そしてそれを学術的にどのように説明できるかというテーマは本科目群の最も重要な目的である。この本では次の社会問題が解説されている:高齢化社会、雇用制度の変動、性差別、移民制度、市民社会、農村社会、3.11以降の日本、国際化、日中関係、など。How are we to understand and analyze from an academic perspective the issues that contemporary Japan is facing today? This book focuses on several topics such as the rapidly aging society, the changing employment system, gender discrimination, immigration, civil society, rural Japan, post-3.11 Japan, internationalization, Sino-Japanese relations, etc.  
【本館K棟3階A 302.1/CRI】
- ☐ Re-inventing Japan : time, space, nation / Tessa Morris-Suzuki M.E. Sharpe c1998 Japan in the modern world  
→ In today's "liquid", globalized society, it makes more sense to ask "how Japanese define Japan?" than to still ponder on "what Japan is?" This classic book of Japanese Studies analyses the way Japanese people have defined, over the modern period, such fundamental concepts as "nation," "Japan," "nature," "culture," "race," "gender," "civilization," "globalization," and "citizenship."  
【本館K棟3階A 210.04/REI】
- ☐ Mirror of modernity : invented traditions of modern Japan / edited by Stephen Vlastos University of California Press c1998 Twentieth-century Japan : the emergence of a world power:9  
→ 伝統は、それを「伝統」と呼ぶ人々によって構成されているものである。本書が「日本の独特のマネジメント」から「国技としての相撲」まで、いくつかの事例を通して、日本の伝統文化と呼ばれるものは現代化によって大きく作られたものであると議論する。Traditions are made by those who call them "traditions." This book employs a series of case-studies, from the so-called Japanese-style management to the national sport of sumo, to argue that much of what is today called Japanese traditional culture has been constructed during the process of modernization of the country.  
【本館K棟3階A 302.1/MIR】
- ☐ Social research methods / Alan Bryman 4th ed Oxford University Press c2012  
→ 研究方法論の教科書として、世界中の大学で使われている有名な本である。国際教育センターの教員も、学生時代にこの本を使って研究方法を学んだこともある。Bryman's book is one of the most widely used textbooks for research methods. Even some of the staff at the Center for International Research and Education were taught through this book during their years as graduate students.  
【本館K棟3階大型A 301.6/SOC】
- ☐ The student's guide to research ethics / Paul Oliver 2nd ed McGraw-Hill/Open University Press c2010 Open UP study skills  
→ To write a report or a presentation, it is always necessary to gather primary and secondary data. Yet, in the process of gathering data, the student/researcher needs to be constantly aware of the ethical issues involved. This book, which is accessible to students from all backgrounds and years of study, examines the topic of research ethics and should be of interest not only to attendants of Japanese Studies courses, but to every students of Chiba University too.  
【本館K棟1階集密A 407/STU】【本館N棟3階ブックツリー留学 407/STU】
- ☐ 論理のスキルアップ：実践クリティカル・リーズニング入門 / アン・トムソン著；斎藤浩文，小口裕史訳 春秋社 2008  
→ プレゼンやレポートを準備するときは、一次・二次データを集める必要がある。だが、まずそのデータ収集の際には、倫理上の問題が起こる可能性が高いということを把握しないといけないのが現状である。本書は初心レベルからプロのレベルまでの研究者に研究倫理を示してくれるので、ジャパニーズ・スタディーズの科目のためだけではなく、どんな科目においても読むべき教科書である。  
【本館K棟2階 116.1/RON】