

層序学	
Stratigraphic Cross Section—Interpreting the Geology (Educational)	https://www.youtube.com/watch?v=VLBzMvsiYq8
Historical Geology: Structure, Cross Section 1	https://www.youtube.com/watch?v=hAclaa0GgJg
5.2 DN Geologic Sequencing	https://www.youtube.com/watch?v=i1GUuczW2vI
Principles of Stratigraphy and Cross-Cutting Relationships	https://www.youtube.com/watch?v=rc3da3-znK4
Stratigrapher - Stratigraphic columns	https://www.youtube.com/watch?v=qYbdf_TbToc
Stratigraphy -- Reading Earth's History	https://www.youtube.com/watch?v=wDxFOEvHpSc
Basics of Stratigraphy Part 1 GeologyConcepts.com	https://www.youtube.com/watch?v=a5h_FfUi4p8
Stratigraphy	https://www.youtube.com/watch?v=6w_TJS5j01M
Stratigraphy: Archaeological Dating Techniques	https://www.youtube.com/watch?v=HPMXE1RlyZk
An Introduction to Tectonic Stratigraphy, the Foundation of Geologic Interpretation in Structurally	https://www.youtube.com/watch?v=ltudgaVRmC4
Stratigraphy 1	https://www.youtube.com/watch?v=FXhMx37bOwk
Law of Superposition	https://www.youtube.com/watch?v=EadTLGMu3LI
Laws of Relative Rock Dating	https://www.youtube.com/watch?v=M2Ex5DIjtfU
Relative Dating of Rock Layers	https://www.youtube.com/watch?v=fYSeM63Fv0s&list=RDCMUCBOBwExgkuaHOIIY_ffb3MQ&start_radio=1#t=24
地質図	
How to Read a Geologic Map (1/3)	https://www.youtube.com/watch?v=ZZHgxIh0PQ4
How to Read a Geologic Map (2/3)	https://www.youtube.com/watch?v=-7-Mmws7kKw
How to Read a Geologic Map (3/3)	https://www.youtube.com/watch?v=5EZbHCxv0NY
How to: use geological maps	https://www.youtube.com/watch?v=cmMSYlvwxio
THE GEOLOGICAL MAP "Drawing the Earth's skin"	https://www.youtube.com/watch?v=qdz9DN74ukY
Geological Map and Geological Section: Theory and Hands-on (Episode-1)	https://www.youtube.com/watch?v=FEe-ZEI8CZ0
Geological Map and Geological Section: Theory and Hands-on (Episode-2) Uniclinal Structure	https://www.youtube.com/watch?v=qnE9RsxyHTE
GEOLOGY :: MAP MAKING :: SECTIONAL ROCK ANALYSIS	https://www.youtube.com/watch?v=V-FIYVtKM9I
GL2 2014 geological map and cross section	https://www.youtube.com/watch?v=0aJzsqdSrNY
2015 GL2 geological map and cross section	https://www.youtube.com/watch?v=aqg0qo4e_ps
Geo-Files: Reading a Geologic Map (E1-S1)	https://www.youtube.com/watch?v=91u7BnfdGc
Geologic Maps PART 2B Construction of a Section through a Geologic Map Showing an Unconformity	https://www.youtube.com/watch?v=fV7OZLxtHPs
Geologic Maps PART 2C Construction of a Section through a Geologic Map Showing a Fold Dr S A	https://www.youtube.com/watch?v=hdDtCMSLpyk
Geologic Maps PART 2D Construction of a Section through a Geologic Map Showing a Fault Dr S	https://www.youtube.com/watch?v=wF25NQOnphI
Introduction to Topographic Maps	Introduction to Topographic Maps
How to Draw Topographic Profiles	https://www.youtube.com/watch?v=rJru71-b61Y
Making Topographic Map Profiles	https://www.youtube.com/watch?v=y3hPFCW9f7M
Topographic and Geologic Maps I	https://www.youtube.com/watch?v=ZQAAEINGSv8
Topographic and Geologic Maps II	https://www.youtube.com/watch?v=MxE1MhmaOS8
Cross section mapwork / mapping	https://www.youtube.com/watch?v=9w-KOodmiZc
Geography mapwork gradient calculation	https://www.youtube.com/watch?v=3b3yGololaY
Mapwork skills: Bearing	https://www.youtube.com/watch?v=T40AMljjgrU
Map Skills - Calculating Bearings in a Geography Examination	https://www.youtube.com/watch?v=QRZOdbChiBQ
Map Skills - Calculating Bearings in a Geography Examination	https://www.youtube.com/watch?v=QRZOdbChiBQ&list=RDCMUceALBYkl0PTfu68wiYe2qSA&start_radio=1#t=18
Drawing a Geologic Cross Section	https://www.youtube.com/watch?v=Vgo8Z63n60g
Google Earth how to present a geologic map in 3D	https://www.youtube.com/watch?v=5x8_4HX0B7k
How to create a 3D Terrain with Google Maps and height maps in Photoshop - 3D Map Generator Terrain	https://www.youtube.com/watch?v=Bb0HnaYNUx4
Help video for calculating true thickness	https://www.youtube.com/watch?v=bJSBg7VTzM4
地質構造	
The Basics of Geology: Strike and Dip	https://www.youtube.com/watch?v=oz9VEkFsNoE
Folds, Dip and Strike	https://www.youtube.com/watch?v=UzZFMWH-ISQ
What Is A Geologic Fold?	https://www.youtube.com/watch?v=XDIpz9cp4Ko
Folded Structure: Geological Map and Geological Section: Theory	https://www.youtube.com/watch?v=yedy3rfYvk8
Classification of Folds	https://www.youtube.com/watch?v=_7saYFzklKs
69) Folds, Boudinage, and Joints	https://www.youtube.com/watch?v=iIGFPYXsh2I
Folds	https://www.youtube.com/watch?v=keU2-K7M04g
FOLD MOUNTAINS	https://www.youtube.com/watch?v=Jy3ORlgyXyk
Fold Mountains Formation	https://www.youtube.com/watch?v=IXjPFZl4bWI
Structural geology - 1 Primary structures Part 1 of 3 Geology Concepts	https://www.youtube.com/watch?v=ZiiQ9wpeKOs
Structural geology - 3 Primary structures Part 3 of 3 Geology Concepts	https://www.youtube.com/watch?v=PmtshFENOr4

Structural geology - 4 Folds - Basics Part 1 of 3 Geology Concepts	https://www.youtube.com/watch?v=a0scMVYDCMs
Lecture 4: Faults and folds—models of deformation	https://www.youtube.com/watch?v=rjn2ZJwpqQA
Folds and Faults	https://www.youtube.com/watch?v=6uf8SSJajyM
Unit 2 Lecture 2: Folds and Faults	https://www.youtube.com/watch?v=c7glw2OI9xw
Map 13 video 4: structure contours above the unconformity	https://www.youtube.com/watch?v=IEUnvlh9bdw
TMart Science Folding and Faulting	https://www.youtube.com/watch?v=F2-fHccQUb0
Classification of Faults	https://www.youtube.com/watch?v=qlk7IfYMufs
Types of Faults in Geology	https://www.youtube.com/watch?v=qhSzpCpl38U
Types of Faults	https://www.youtube.com/watch?v=A_ZRtS3QGHw
5 Basic Fault Lines	https://www.youtube.com/watch?v=hmX8BmD3L7k
Normal,reverse and strike slip-faults	https://www.youtube.com/watch?v=dpQ-4VmZYcc
Fault Types Notes	https://www.youtube.com/watch?v=ZSP2xhZQ3HU
94605 Geological Faults and Folds Model	https://www.youtube.com/watch?v=rEumMkAhwzA
Structural geology lesson	https://www.youtube.com/watch?v=a1fU2BLNWRU
Structural Geology Lesson 1: Orientation of Lines and Planes	https://www.youtube.com/watch?v=AJlk2nDYz64
Structural Geology Lesson 3: Outcrop Patterns and Structure Contours	https://www.youtube.com/watch?v=c57ATOc22VQ
不整合	
Unconformities	https://www.youtube.com/watch?v=R_OhWSxnhrs&list=PLQHCotXFsubT08ecvJJDF015gh6lac5D6
Unconformities	https://www.youtube.com/watch?v=R_OhWSxnhrs
Unconformities	https://www.youtube.com/watch?v=be0fg6-rj7s
Unconformities: Finding Missing Time	https://www.youtube.com/watch?v=DNcYBLG3TBo
CH6 - Unconformities	https://www.youtube.com/watch?v=AIGBi-JRx-A
What are Unconformities (or Unconformity) - More Science on Harmony Square	https://www.youtube.com/watch?v=lqq-wPyEvoE
Great Minds: James Hutton, Founder of Geology	https://www.youtube.com/watch?v=KKTxxZSz-9s
実習	
70) Strike and Dip measurement and reporting	https://www.youtube.com/watch?v=MwBVztOz2No
对比	
Rock & Fossil Correlation	https://www.youtube.com/watch?v=1JEyNFIJBlw
Correlating Rock Layers	https://www.youtube.com/watch?v=i9uyNDCpQPI
Geologic History 2 Correlating Rock Layers	https://www.youtube.com/watch?v=lsPFwYMCh4o
Geo-Files: Geologic Correlation (E9-S1)	https://www.youtube.com/watch?v=76V0IMzCdp0
STRATIGRAPHIC CORRELATION	https://www.youtube.com/watch?v=N50CtUuBNDY
Well Correlation	https://www.youtube.com/watch?v=jBu0UzurAGQ
Improved Development Plans: Combined Geologic Correlation, Sectioning and Mapping	https://www.youtube.com/watch?v=zW-4_rZQ_Ec
Pick and Correlate Well Markers, Using Real-Time Data from High Angle and Horizontal Wells	https://www.youtube.com/watch?v=9c7Y_0qbFv0
Geolgic time: correlation & fossil preservation	https://www.youtube.com/watch?v=psrFRAqYuGA
Correlation Video	https://www.youtube.com/watch?v=0KNVxDAXn0
斉一説と激変説 uniformitarianism & catastrophism	
Great Minds: James Hutton, Founder of Geology	https://www.youtube.com/watch?v=KKTxxZSz-9s
Geology and Uniformitarianism	https://www.youtube.com/watch?v=rSgWfrdDf1E
Catastrophism vs. Uniformitarianism - Geologic Theory	https://www.youtube.com/watch?v=y4WUWlpcfTo
James Hutton, Uniformitarianism, and Deep Time	https://www.youtube.com/watch?v=3MgSiq71NXQ
Earth Science: Crash Course History of Science #20	https://www.youtube.com/watch?v=V2381IUhqc0
Catastrophism: A New History for Planet Earth Space News	https://www.youtube.com/watch?v=nhP_tl-AyIY
岩相層序学 lithostratigraphy	
Chrono and Lithostratigraphy	https://www.youtube.com/watch?v=awkLZmQKpwc
3D Lithostratigraphic Animation of Southern Ontario	https://www.youtube.com/watch?v=xcFgKeh2y1Y
年代層序学 chronostratigraphy	
What is CHRONOSTRATIGRAPHY? What does CHRONOSTRATIGRAPHY mean? CHRONOSTRATIGRAPHY mean	https://www.youtube.com/watch?v=ytI6-_XI-yg
生層序学 biostratigraphy	
Biostratigraphy	https://www.youtube.com/watch?v=wNT_JrKCeJI
What is BIOSTRATIGRAPHY? What does BIOSTRATIGRAPHY mean? BIOSTRATIGRAPHY meaning & explanation	https://www.youtube.com/watch?v=geqVKsnZbXU
Biostratigraphy.	https://www.youtube.com/watch?v=AR5Zf3e5JrE

How do you use fossils to tell time?	https://www.youtube.com/watch?v=R2vlnQyPvr4
Applied Biostratigraphy in Oil & Gas Exploration & Production	https://www.youtube.com/watch?v=gLh2-wh7BxQ
Microfossil and Biostratigraphy	https://www.youtube.com/watch?v=IFFzeyqmi9A
Geologic History of the Grand Canyon and Backwards Biostratigraphy by Dr. David Jeffery	https://www.youtube.com/watch?v=jmjNg2MkyhA
trilobites, geologic time periods, biostratigraphy	https://www.youtube.com/watch?v=pgU8NMLqbf8
磁気層序学 magnetostratigraphy	
Paleomagnetism	https://www.youtube.com/watch?v=RdQcrd7O8og
What does magnetostratigraphy mean?	https://www.youtube.com/watch?v=q_VA6XoDfps
6 - 5 Paleomagnetism Basics	https://www.youtube.com/watch?v=-dme8x-bERA
Magnetic Reversals and Sea Floor Spreading	https://www.youtube.com/watch?v=BCzCmldiaWQ
Magnetic Field Reversal 100 Greatest Discoveries	https://www.youtube.com/watch?v=igGsuDYxhEA
How Earth Creates Its Magnetic Field	https://www.youtube.com/watch?v=IWHxmJf6U3M
火山灰層序学 tephrostratigraphy	
Volcanoes 101 National Geographic	https://www.youtube.com/watch?v=yDy28QtdYJY
Supervolcanoes 101 National Geographic	https://www.youtube.com/watch?v=kAlawvE8IVw
Volcano types: Cinder cone, composite, shield and lava domes explained - TomoNews	https://www.youtube.com/watch?v=y2Yd-XzMco4
Yellowstone Volcano Supereruptions Volcanic Ash Deposits! Huckleberry Ridge Tuff Caldera Chronicles!	https://www.youtube.com/watch?v=ykZJywiapP8
化学層序学 chemostratigraphy	
Chemostrat Chemostratigraphy	https://www.youtube.com/watch?v=-qPPUk8DF44
What does chemostratigraphy mean?	https://www.youtube.com/watch?v=lqFOihq_d4Y
サイクル層序学 cyclostratigraphy	
What is CYCLOSTRATIGRAPHY? What does CYCLOSTRATIGRAPHY mean? CYCLOSTRATIGRAPHY meaning	https://www.youtube.com/watch?v=BQQf2yVfEBw
What does cyclostratigraphy mean?	https://www.youtube.com/watch?v=kbjOP2TAwSU
Lesson 2: sedimentary rock cycle	https://www.youtube.com/watch?v=Sr6VnDyASHY
酸素同位体ステージ	
Marine isotope stage - Video Learning - WizScience.com	https://www.youtube.com/watch?v=6nCDaJik9pg
Marine Isotope Stage 11 - Video Learning - WizScience.com	https://www.youtube.com/watch?v=R-ntzhT_4d8
Marine isotope stage	https://www.youtube.com/watch?v=zzmNPY5bbBs
MARINE ISOTOPE STAGES - INTRODUCTION	https://www.youtube.com/watch?v=v12fHJHVqyA
MARINE ISOTOPE STAGES - chart stages 55 TO 1	https://www.youtube.com/watch?v=1_D0OAy0Qgw
シーケンス層序学 sequence stratigraphy	
Sequence Stratigraphy_Module 1: Introduction and Definition	https://www.youtube.com/watch?v=3Zcal5UJ0yI&list=PLwxEZoiDjRmgeU0EZXRerdNb73Yez4mss
Geophysics: Lecture 13. Sequence Stratigraphy Part 1	https://www.youtube.com/watch?v=hyHUfQcOTCI&list=PL3PI7Pmv_ZuBGuvrQBm-KUMQBgHerPWoe
Incised valley	https://www.youtube.com/watch?v=KKmG8vjCafQ&list=PLq4jnaLU0U5R7joSaxtkZGbzblVMMn3do
Sequence Stratigraphy_Module 5: Stratigraphic Surfaces and the Condensed Section	https://www.youtube.com/watch?v=YBfV360y9Uk
sequence stratigraphy	https://www.youtube.com/watch?v=0Uoh6tAl1qg
Sequence stratigraphy during basin sedimentary fill	https://www.youtube.com/watch?v=lk5p3kQ7GLY
Identifying Transgressions and Regressions in Rock Sequences	https://www.youtube.com/watch?v=WE9fkQ9a2xA
7.a Transgression & Regression	https://www.youtube.com/watch?v=AslbszrbE2g
Parasequences/sequence boundary (old)	https://www.youtube.com/watch?v=x_UrkYu7OkA
21 - Parasequences and sequence boundary	https://www.youtube.com/watch?v=SIk2NoFYTDQ
Desktop Delta part 4	https://www.youtube.com/watch?v=lvAlZguGg8c
14 - Systems tracts and shoreline shifts	https://www.youtube.com/watch?v=PQzn9GV8da8
06 Intro Sequence Stratigraphy Roger Slatt Presentation	https://www.youtube.com/watch?v=ZGFMG1DHNkl
地質年代尺度 geochronologic scale	
018 The Geological Time Scale(ES)	https://www.youtube.com/watch?v=F0_4e5zpUt4
Lecture 9 Fossils and the Geological Time-Scale	https://www.youtube.com/watch?v=BsF39Zl7rlM
Physics learning_Geologic Time Scale: Major Eons, Eras, Periods and Epochs	https://www.youtube.com/watch?v=2KjqHfemon8
Geological Time Scale	https://www.youtube.com/watch?v=H8MzxuOJC7w
The Geological Timescale	https://www.youtube.com/watch?v=r10oh1NHKv4
GSSP層準	

Global Boundary Stratotype Section and Point Wikipedia audio article	https://www.youtube.com/watch?v=A2dG1gV4AQ4
【千葉県市原市】「15分で学ぶチバニアン（千葉時代）」	https://www.youtube.com/watch?v=BKUgPIKHdr8
【千葉県市原市】日本初！「チバニアン」、ついに決定！	https://www.youtube.com/watch?v=sKYZAmCWsjU
【千葉県市原市】教育センターニュース（チバニアン）	https://www.youtube.com/watch?v=DBqH-WJcdG4
【チバニアン】ドローンで見よう！養老川流域田淵の地磁気逆転地層	https://www.youtube.com/watch?v=2dqSYrppnHg
【千葉県市原市】	
“チバニアン”から地球の声を聴く－研究者が語る田淵の地磁気逆転地層の魅力－	https://www.youtube.com/watch?v=SD2GPdwQ-a8
Global Standard Stratigraphic Age	
Global Standard Stratigraphic Age	https://www.youtube.com/watch?v=hV485LMHxfs