



# NCC's Comprehensive Digitization and Discoverability Program (CDDP) Task Force Produces a New Video Series on Cutting-edge Digital Projects, Tools, and Resources

NCCのCDDPタスクフォースによる最先端デジタルプロジェクト、  
ツール、およびリソースに関する新しいビデオシリーズ



Regan Murphy Kao ([reganmk@stanford.edu](mailto:reganmk@stanford.edu))  
Toshie Marra ([tmarra@berkeley.edu](mailto:tmarra@berkeley.edu))

The 31<sup>st</sup> EAJRS Conference in Saint Petersburg, September 15-18, 2021



# NCC's CDDP: Background

- North American Coordinating Council on Japanese Library Resources (NCC)
  - A non-profit organization since 1991
  - Council members consists of librarians and researchers in Japanese Studies
  - Activities to improve access to library resources and other information about Japan through grant programs and by working with collaborating organizations in North America, Japan, and elsewhere
- Multi-Volume Sets (MVS) Project: 1992-2018
  - Intended to build a national, sharable print collection of Japanese research materials
  - Financial support from Japan-U. S. Friendship Commission and JPTC
  - Funded 409 titles in 52,000+ individual items, at 42 separate institutions across the United States
  - Achieved the initial goal of reducing unnecessary duplicate purchases of expensive multi-volume sets at the U. S. libraries
  - Recognizing the need of adding digitization category, MVS funded 4 pilot projects (2015-2019)



# NCC's CDDP: Background (cont.)

- MVS funded pilot cases: scenario 1) involving new acquisition and digitization:
  - Case 1 (2014/15):** Princeton University Library purchased and digitized:  
[Seisan 清三. Shōun Oshō Kobun shinpō no shō 笑雲和尚古文真宝之抄](#). 1525. 10 vols. in 13
  - Case 2 (2015/16):** Yale University Library purchased and digitized:  
*Jūjun kagetsujō 十旬花月帖*. [Handwritten ms. \[1827\]](#). 2 vols. [Woodblock printed ed. \[1883\]](#). 3 vols.
- MVS funded pilot cases: scenario 2) involving digitization of the materials already held by applying institutions:
  - Case 3 (2017-18):** University of California, Berkeley Library digitized own holding of:  
[Kadenshū 家伝集](#). Handwritten ms. [ca. 1875]. 146 vols.
  - Case 4 (2018/19):** University of Illinois Urbana-Champaign Library digitized own holding of:  
[Hōrai no makimono 蓬萊巻物](#). Handwritten ms. [17<sup>th</sup> cent.]. 2 scrolls



# NCC's CDDP: Background (cont.)

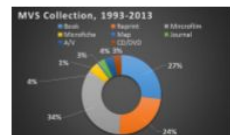
- MVS Project ended in 2018: Funding from Japan U. S. Friendship Commission discontinued
- Comprehensive Digitization and Discoverability Program (CDDP) Task Force formed:
  - Regan Murphy Kao, Stanford University (Co-Chair)
  - Toshie Marra, University of California, Berkeley (Co-Chair)
  - Haruko Nakamura, Yale University
  - Setsuko Noguchi, Princeton University
- Aiming to develop a new grant program with objectives:
  - Bring to light hidden, academically useful Japan-related materials through digitization
  - Enable more robust use of these items by Japan scholars worldwide
  - Promote collaboration nationally and internationally
  - Foster training in developing digitization projects
  - Help to build an international infrastructure for digitized Japan-related materials

2019: CDDP Task Force shared a funding program concept at CEAL's poster session and NCC website for soliciting feedback

2020: Was planning a "Summit to Build an International Infrastructure for Digitized Japan-Related Materials" conference, but COVID-19 came along...

## Introduction

Since 1992, the North American Coordinating Council on Japanese Library Resources (NCC) holds a biennial national collection of Japanese research materials in the United States through its MultiVolume Data Project (MVS) with funding provided by the Japan-U.S. Friendship Commission (JUSFC) and supplemental support from Japan Publications Trading Company, Ltd. (JPT). MVS provided grants for the purchase of expensive multi-volume sets of Japanese language materials, primarily in print, with consideration to each applicant institution's 1) areas of specialization, 2) research and teaching needs, and 3) readiness to fully share the funded sets locally and nationally.



Funding for MVS was suspended in 2018 as that NCC could update and align its mission to fit the evolving technologies and 21<sup>st</sup> century needs of the field. NCC has formed a task force to help transition toward a comprehensive digitization and discovery grant program to replace the MVS Project. The purpose of this poster is to introduce an overview of the new digitization/discovery grant program that is in development and obtain feedback on it.

**Digitization/Discovery Grant Task Force members:**  
Regan Murphy Kao, Stanford University (Chair)  
Toshie Marra, University of California, Berkeley  
Maruko Iwakura, Yale University  
Satsuko Naguchi, Princeton University

## New Grant Program in Development

### Goals:

- Bring to light hidden, academically useful Japan-related materials through digitization
- Create more robust use of these items
- Promote collaboration nationally and internationally
- Facilitate training in developing digitization projects
- Help to build an international infrastructure for digitized Japan-related materials

### Criteria for evaluating applications:

- Demonstrates how digitized materials will benefit the national and international scholarly community of Japanese Studies
- Provides robust and comprehensive plan for digitization, discovery and promotion
- Describes how the resources will be used in Japan-related courses and otherwise engage the next generation of scholars
- Describes how the digital surrogates will be maintained for long-term availability and discoverability
- Promotes collaboration across complementary collections at institutions in the US and Japan

### Grant application should include:

- Description of material to be digitized
- Narrative on value and academic significance of the proposed project (potential uses, noting related digital collections and collaborating institutions, if applicable)
- Principal investigators (libraries or scholars partnering with a library) and list of other individuals who will be involved
- Timeline (stated funding for one or two-year projects with proof of progress each year)
- Expected deliverables, including digital surrogates and metadata
- Technical plan (tools, systems, standards, and technologies employed)
- Digital preservation and discoverability plan (must be available to anyone worldwide)
- Outreach and plan for promoting the digitized materials
- Budget details (such as digitization, metadata creation, promotion costs within a range of approximately \$1,000-\$10,000) This may include an argument for acquiring material to be digitized.

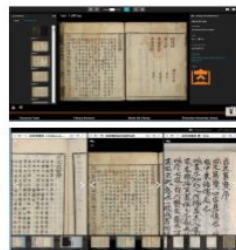
### Supplemental material may include:

- Any training or internship plans
- Any extra features of digital projects (e.g., transcription and translation)
- Any future development plans

## Pilot Projects

In recent years, with the support of JUSFC and JPT, NCC has funded the following four projects involving digitization as pilot cases.

**Pilot Case 1: Princeton University Library purchased and digitized:**  
*Shōun Oshō Kobun shinpō no shō* 秀翁和尚古文真宝之抄: A set of 10 volumes in 13 fascicles (published 1523). A commentary of canonical prose works, used widely as a textbook in medieval Japan. Edited by Shōun Inoue 范秀翁, who was a Kinkai monk active in Kyoto and Kamakura. Published by a Kyoto book merchant, using wooden movable type printing. Red-ink marginalia are shown in many pages which testify to its role in the popularization of classical learning.  
Access: in Princeton University Library Catalog  
Funded Year: 2014-2015



**Pilot Case 2: Yale University Library purchased and digitized:**  
*Jūjū kagetsujō* 十句花月帖: The original manuscript of *Jūjū kagetsujō* (1827), as well as the 1828 woodblock print edition of the same title. It is a collection of notes from a tea, including poetry and paintings of blossoms in fruit, as well as the notes from Hiroshima to Kyoto by the Kyōto 京都, units of the Saigyō 西行, who was a prominent Japanese poet, historian, and what in the Meiji era period. The discovery of this original work was major news among early-modern scholars of Japan Studies. Yale University was able to secure the manuscript and print edition successfully through a generous MVS grant and digitized them to ensure their discoverability and accessibility.  
Access: in Yale University Scholarly Resources Book & Manuscript Library's Digital Collection page  
Funded Year: 2010-2016



**Pilot Case 3: University of California, Berkeley, C. V. Starr East Asian Library digitized own holding of:** *Kadenshū* 家伝集: Consists of 148 volumes (ca. 3,000 leaves) of handwritten manuscripts produced in the 18<sup>th</sup> century in Japan. Contains genealogical and biographical information for over 3,000 individuals from some 140 aristocratic families up to the 18<sup>th</sup> century, including birth and death dates, marriages, official ranks and promotions.  
Access: in *in:ethnobot* (PDF files downloadable) and in *Japanese Special Collections* in the C. V. Starr East Asian Library, University of California, Berkeley's digital projects portal *Special Features* 3,180 personal names listed in *Kadenshū* are searchable in Japanese in *家伝集* 家伝集 database.  
Funded Year: 2017-2018



**Pilot Case 4: University of Illinois Urbana-Champaign Library will digitize own holding of:** *Hōrō no makimono* 通巻巻物: a scroll of two chō, illustrated manuscript produced as *thousand* books using bright colors. A 18th century manuscript tale about the origins of Mount Mōrei. One of rare items of Tennōgaki Collection, originally assembled by Joseph K. Yamaguchi (1906-1986).  
Access: in *in:ethnobot*  
Funded Year: 2018-2019

## NCC's Future Plan

We anticipate the following steps for implementing the proposed new funding program for digitization/discovery:

- 2019 Mar-Apr: Digitization/Discovery Grant Task Force solicits feedback from the community through surveys, etc.
- 2019 May: Collected data is evaluated and recommendation is composed
- 2019 Jun-Nov: NCC seeks funding to implement digitization/discovery program
- 2020: New digitization/discovery program begins (if funding is secured)

## Imagine the possibilities!

The task force would like to hear your comments on these pilot cases and solicit innovative suggestions for future funding possibilities that most the entire field would like. Talk with the task force members to discuss your ideas!

## How you can help:

Make sure to participate in the NCC survey on the New Digitization/Discovery Grant Program by April 15 by visiting: <https://jpsides.nccjapan.org/mvs/nextstep>

Or submit the paper survey available at this session and throughout the conference.

We seek your participation in developing a global collection of Japanese research materials in digital form if you wish to get involved with this new initiative, please contact any of the Digitization/Discovery Grant Task Force members.

## Contact:

Tara McGowan, Executive Director, NCC  
[imgowan@nccjapan.net](mailto:imgowan@nccjapan.net)

Regan Murphy Kao, Curator, Japanese Collection, Stanford University  
[rmurphy@stanford.edu](mailto:rmurphy@stanford.edu)

Toshie Marra, Librarian for Japanese Collection, UC Berkeley  
[tmorra@berkeley.edu](mailto:tmorra@berkeley.edu)

## References:

- MultiVolume Data Project (MVS) website: <https://jpsides.nccjapan.org/mvs>
- Digitized contents are viewable in Princeton University Library's Catalog at: <https://catalog.princeton.edu/catalog/3994552>
- Digitized contents are viewable in Yale University Scholarly Resources Book & Manuscript Library's Digital Collection at: <https://ds.lib.yale.edu/catalog/3994552>
- Contents of 148 volumes are listed in UC Berkeley Library's catalog record at: <https://catalog.berkeley.edu/catalog/3994552>
- Digitized contents are viewable in *in:ethnobot* (<https://catalog.berkeley.edu/catalog/3994552>) and in *Japanese Special Collections* in the C. V. Starr East Asian Library, University of California, Berkeley's digital projects portal hosted by JSTOR Research Center (Princeton University) at: <http://www.asn.stanford.edu/18/vm/uc/UCS/EO/bb/>

NCC creates programs and online services to support the research needs of anyone in the field of Japanese Studies and for users with an interest in Japan, anywhere. The NCC site also provides links to institutional and topical sites related to Japan.

<https://jpsides.nccjapan.org/homepage>



# Why make the CDDP Video Series?

Widespread adoption in Japan of the International Image Interoperability Framework (IIIF) in the last 5 years

- **access to digitized materials increased drastically**
- **uptick in innovative digital projects using digitized images**

## **Aim of CDDP Video Series:**

To help researchers and librarians gain **access** to digitized collections and introduce **tools** so that more scholars can **do more** digitized images.



# Who was involved in creating the CDDP Video series?

## Task Force members



Toshie Marra, U.C. Berkeley Libraries, CDDP Task Force co-Chair  
Regan Murphy Kao, Stanford Libraries, CDDP Task Force co-Chair  
Haruko Nakamura, Yale Libraries, Task Force member  
Setsuko Noguchi, Princeton Libraries, Task Force member  
Tara McGowan, NCC Executive Director, Task Force member  
Kiyonori Nagasaki, International Institute for Digital Humanities, adviser

## Contributors

National Diet Library  
Akihiko Takano, National Institute for Informatics  
Dylan Siegal, Yale University  
Satoru Nakamura, University of Tokyo  
X Jie Yang, University of Calgary  
Ann Sherif, Oberlin College  
Cathy Aster, Stanford University  
Tarin Clanuwat, ROIS-DS CODH  
Nick Frisch, Yale University  
Yuta Hashimoto, National Museum of Japanese History

<https://guides.nccjapan.org/cddp/video-series>





# Access

## Japan Search & Cultural Japan

JAPAN SEARCH

Artisanal Figure Dragon

The figure of a dragon is carved with great skill and detail, showing a dragon with a long, flowing mane and a fierce expression. The dragon is carved in a traditional Japanese style, with a focus on the dragon's head and mane. The dragon is carved in a traditional Japanese style, with a focus on the dragon's head and mane.

JAPAN SEARCH

First digital archives in Japan

88,387 33,947,716 3,385,134

100% 100% 100%

ピックアップ

The Tale of Genji (1000, copy 1841-1871)

The painting depicts a scene from the Tale of Genji, showing a woman in a traditional Japanese court dress. The painting is a reproduction of the original, which is a masterpiece of Japanese art.

Imagined Valley in Mount Fuji (1841-1871)

The painting depicts a scene from the Tale of Genji, showing a woman in a traditional Japanese court dress. The painting is a reproduction of the original, which is a masterpiece of Japanese art.

At the Garden (1841-1871)

The painting depicts a scene from the Tale of Genji, showing a woman in a traditional Japanese court dress. The painting is a reproduction of the original, which is a masterpiece of Japanese art.

Cultural Japan

Browse by Place Browse by Era Browse by Person Browse by Category RDF Store English

Add a search term

Filter

Discover digital resources on Japanese Culture from all over the world. More than a million items are collected for this platform to inspire novel applications.

Netsuke

Maps

The Tale of Genji

IIF Items

Photography

Architecture



# Tools

Build,  
Participate,  
Collaborate,  
Study



My Note (Japan Search)  
Self Museum (Cultural Japan)  
Omeka  
Scalar  
Spotlight  
Glide  
Kuronet kuzushiji recognition service  
AI kuzushiji recognition (Toppan & CODH)  
Ten Thousand Rooms  
CODH datasets  
Mirador  
IIIF Curation Viewer  
...and more!

## Comprehensive Digitization and Discoverability Program: CDDP Video Series

[Home](#) [CDDP Video Series](#) [CDDP Award Program](#) [Pilot Cases](#) [Related Presentations](#)

The challenges and obstacles created by the COVID-19 pandemic have accentuated the importance of digital materials that are easily discovered and used. In 2020, in the midst of this unprecedented crisis, the CDDP Taskforce has initiated the CDDP Video Series with funding support from the Toshiba International Foundation (TIFO), hoping to assist scholars and librarians in Japanese Studies to engage with digital scholarship. The CDDP Video Series offers instructional videos on freely available resources and cutting-edge projects related to Japanese Studies, highlighting useful tools and best practices.

Please give feedback on the CDDP Video Series [here](#).

### Key




To facilitate your selection of the video to watch, we have supplied the following tags of focus to each presentation:

- Discover = Find specific resource(s) on the platform
- Build = Build your own resource by using the tool introduced in the video
- Participate = Participate in projects available on the platform
- Collaborate = Initiate a collaborative project on the platform
- Study = Use the platform or the tool for your self-study

Please click on one of the options below to see presentations specific to each focus area.

### Presentations

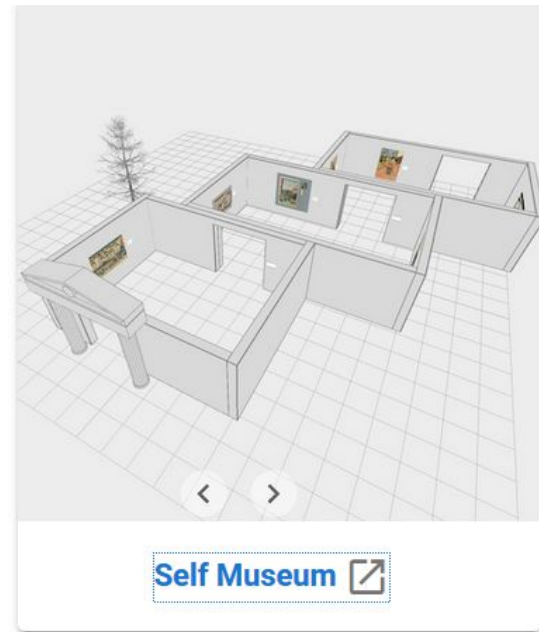
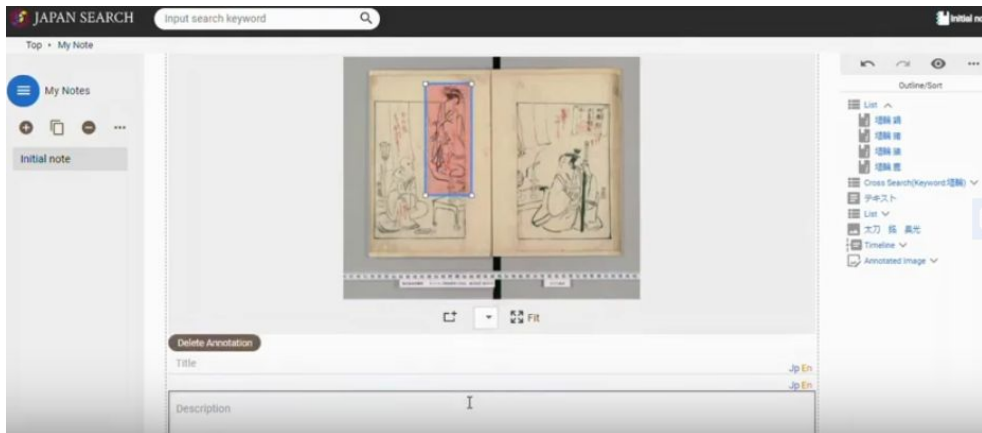
[All](#) [Discover](#) [Build](#) [Participate](#) [Collaborate](#) [Study](#)

	Build; Study	Popular Protest in Post War Japan: The Antiwar Art of Shikoku Gorō	Ann Sherif (Oberlin College)	An exploration of the functions afforded by Scalar for creating an online exhibit	Scalar	Popular Protest in Post War Japan: The Antiwar Art of Shikoku Gorō
C: Participate & Study						
	Participate; Study	Kuronet Kuzushiji Recognition: IIIF Curation Viewer	Tarin Clanuwat (ROIS-DS Center for Open Data in the Humanities)	An introduction to Kuronet Recognition Service (AI OCR), which uses object detection AI to transcribe kuzushiji into modern characters and allows users to view kuzushiji and modern characters in a text simultaneously	Kuronet くずし字認識サービス (AI OCR); CODH datasets; IIIF Curation Viewer	Kuronet くずし字認識サービス (AI OCR)
		Minna de Honkoku: A Crowdsourced Transcription Platform	Yuta Hashimoto (National)	An introduction to how to contribute to the crowdsourced transcription platform, Minna de Honkoku, its collaboration feature for	みんなで翻訳: AI Kuzushiji Recognition (CODH & Toppan)	



# Enhancing interactions with digitized images

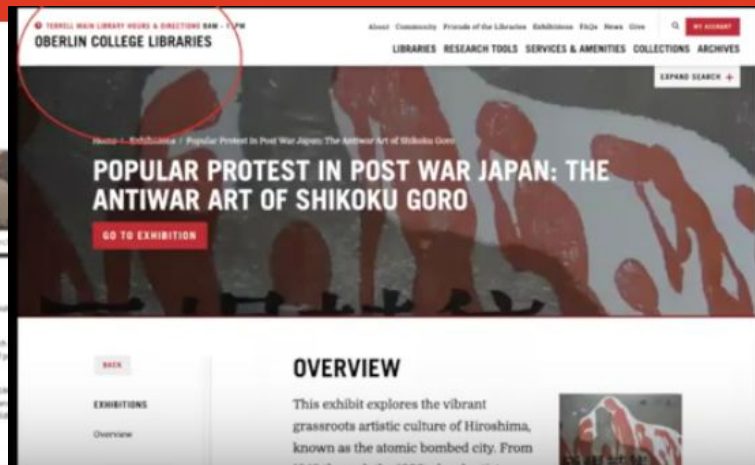
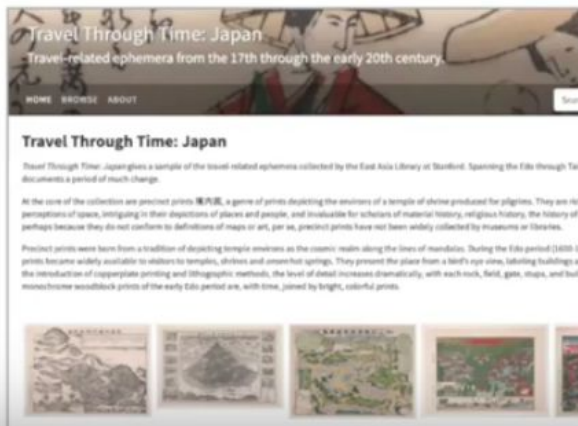
Japan Search's My Note feature  
&  
Cultural Japan's Self Museum





# Giving context to digitized images

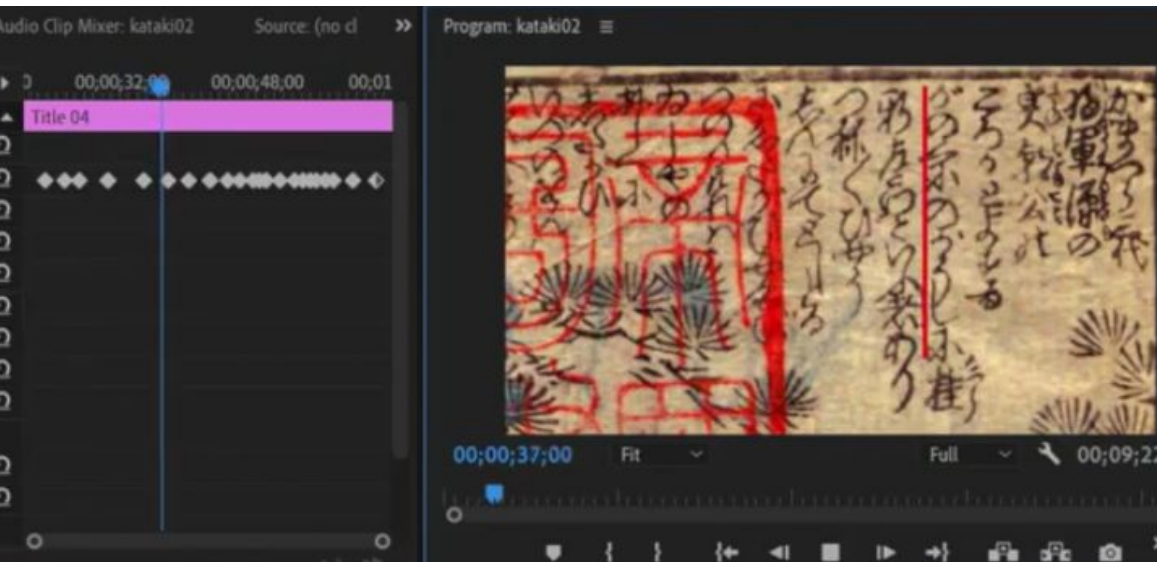
Omeka, Spotlight, Scalar





# Improving accessibility to hand-written texts

Listen to a Graphic Novel & 100 Classical Kana Words in Motion







# Treating text as image: Cursive writing

Minna de Honkoku & KuroNet Kuzushiji Recognition Service

みんなで翻刻  
MINNA DE HONKOKU

READ SUPPORT CONTACT JP JOIN



みんなで翻刻  
MINNA DE HONKOKU





# NCC-CDDP Award Program

<https://guides.nccjapan.org/cddp/award-program>

- **7/2021: NCC-CDDP Award Program** established: **submission deadline: October 31, 2021**
  - To solicit contributions from anyone interested to share their digital projects using digitized images and the tools used to create them
  - To expand the contents in the CDDP Video Series to facilitate Japan specialists with conducting and disseminating their research
- **Eligible Participants:** Anyone engaged with research and instruction in Japanese Studies
- **Prize:** A monetary prize of up to \$500; Awarded video presentations will be published on the CDDP Video Series website
- **Requirements for Video Presentations:**
  - Materials presented in the videos must be clear of copyright
  - Narration audio included in the video presentations must be in either English or Japanese—in both cases English captions/subtitles are required
  - Length of each video presentation must be about 10 and no more than 20 minutes





# Future Plans?

- **9/2021: North American libraries are reopening library services after more than a year-and-a half of closure of library operation due to the COVID-19 pandemic**
- **CDDP Task Force is shifting back to the original task:** planning a new grant program to support digitization and discoverability for resource sharing and national and international collaboration
  - What would be minimum requirements that any North American library could fulfill without stretching its local practices to widely share its digitized resources with scholars in Japanese Studies worldwide?
  - Which global database would be most likely to pick up the resources digitized by recipient libraries, if the new grant program is established? OCLC, Digital Public Library of America, or HathiTrust?
  - Isn't it easier for Japan specialists if such digitized resources are included in Japan Search?
  - How about registering in NIJL's Shin Nihon Kotenseki Sōgō Database and Nihon Kotenseki Sōgō Mokuroku Database?



# Thank you!



Zu

Regan Murphy Kao, Stanford Libraries, CDDP Task Force co-Chair  
[reganmk@stanford.edu](mailto:reganmk@stanford.edu)

Toshie Marra, U.C. Berkeley Libraries, CDDP Task Force co-Chair  
[tmarra@berkeley.edu](mailto:tmarra@berkeley.edu)