



JICE - GEM Joint Conservation Project

№ 0010

1st February, 2017

Dr. Tarek Sayed Tawfik
General Supervisor of Grand Egyptian Museum

RE: Minutes of the 1st Joint Coordination Committee

Dear Dr. Tarek Sayed Tawfik,

I am pleased to extend my sincere appreciation for your continued support and cooperation for the Project.

Please find the attached minutes of the 1st Joint Coordination Committee meeting, which was held on December 14th, 2016.
After confirming the content, I would like you to sign on 2 sets of the documents and return one back to the Project Office.

Thank you very much for your cooperation in advance.

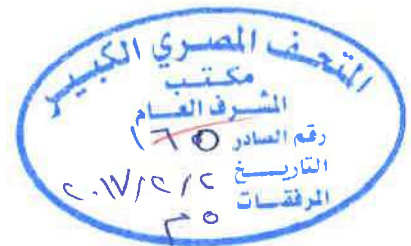
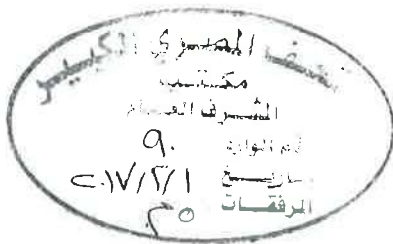
Sincerely yours

Mikio NAKAMURA
Chief Advisor
Grand Egyptian Museum
Joint Conservation Project
Japan International Cooperation Center

د. طارق السيد توفيق

المراجعة والإقامة

١٧/٢/٢٠١٧



**Minutes of the 1st Joint Coordination Committee of the Grand Egyptian
Museum-Joint Conservation (GEM-JC) Project**

Date and Time: 14th December, 2016, 10:00 A.M ~ 12:00 A.M.

Venue: Le Meridien Pyramids Hotel – Meeting room

Attendants:

GEM-CC

Dr. Tarek Tawfik	General Supervisor, GEM
Dr. Hussein Kamal	General Director for Technical Affairs, GEM-CC
Mr. Mohamed Atwa	General Director of Artifacts and Information Affairs GEM-CC
Mr. Eissa Zidan	General Director of First Aid, Packing, Transportation and Condition report, GEM-CC

JICA

Mr. Naoki Mine	Deputy Director, Team 2 Urban and Regional Development Group. Infrastructure and Peace Building Department, JICA
Mr. Mizuki Matsuzaki	Senior Representative, JICA Egypt Office
Mr. Kei Sakamoto	Representative, JICA Egypt Office

Japanese Embassy in Egypt

Ms. Akie Hoshino	First Secretary, Japanese Embassy in Egypt
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GEM-JC Project

Mr. Mikio Nakamura	(GEM JC Project Office)
Ms. Akiko Nishisaka	(GEM JC Project Office)
Ms. Misako Moriyama	(GEM JC Project Office)
Ms. Riham Nabil	(GEM JC Project Office)
Mr. Moazbellah Elgabry	(GEM JC Project Office)
Dr. Yasushi Okada	(Short-time Expert)
Dr. Yasuji Kurimoto	(Short-time Expert)
Dr. Motonari Oyama	(Short-time Expert)
Dr. Nozomu Kawai	(Short-time Expert)
Dr. Yoshiko Shimazu	(Short-time Expert)
Mr. Yoji Masada	(Short-time Expert)
Mr. Hidemasa Tokuda	(Short-time Expert)
Ms. Rei Harada	(Short-time Expert)
Mr. Takahiro Miyoshi	(Short-time Expert)
Mr. Karim Sayed	Translator

GEM-CD Project

Mr. Harunobu Kobiki	Project Manager, GEM-CD Project
Mr. Isao Shimizu	Project Site Manager, GEM-CD Project

Khufu Second Boat Project

Mr. Hiromasa Kurokochi	(Khufu Second Boat Project)
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1. Opening:

Dr. Tarek started the meeting by giving welcome speech, expressing the minister's interest in GEM-JC project, then he thanked all the attendants, especially the Japanese experts, who were dispatched from Japan to participate in GEM JC Project.

Dr. Tarek said that he is optimistic for the new cooperation between Japan and Egypt, and he mentioned that the project will face some challenges like time and motivation and we will work on finding out solutions to achieve a successful joint project.

Dr. Tarek continued that GEM JC project will deal with very sensitive artifacts, most of them are from Tutankhamen collection, which need to be transported to GEM-CC safely.

Mr. Matsuzaki started his words by thanking everybody and expressed his pleasure to participate in JCC meeting to represent JICA cooperation for GEM JC project, and as JICA has more than one project, they are looking forward to have good mutual work together.

Mr. Matsuzaki continued, that the technical cooperation has new frame now by starting GEM Joint Conservation Project to conserve the targeted artifacts and developing the capacity of GEM-CC staff members.

Mr. Nakamura started his word by introducing the attendants from Japanese and Egyptian sides. Then, he added that we are on the same boat to accomplish the GEM JC project and the JCC meeting will be held at least once a year or whenever it's necessary to approve the conservation policy and work plan and also reviewing the all-over progress done by GEM JC project.

2. Presentation by Dr. Tarek about opening of GEM:

The presentation was preceded by using the slides on the screen prepared by each presenter.

Dr. Tarek made a brief presentation about GEM progress, firstly he talked about the construction mentioning that a total about 52% of the project has been completed, then about number of artifacts transported to GEM, 40,000 artifacts have been transported to labs and storerooms of GEM-CC until December 2016, including 3,203 artifacts out of 5,000 artifacts from Tutankhamen tomb.

Dr. Tarek continued mentioning about the company, which was recently selected for the Museum Display Design, Atelier Bruckner, which has a very good reputation in that field. Then he mentioned some milestone for the GEM project, such as completing concrete and steel works of the project by end of 2017, dust free by April 2017 and partial opening end of 2017 or beginning of 2018.



3. Presentation by Mr. Mohamed Atwa about “Number of Transported Artefacts from Jan to Nov. 2016”:

He firstly thanked everybody and JICA especially for their support for transportation process from April to June 2016, he showed that number of transported objects during JICA's support was 7,857, but after that they transported only 2,460 objects for five months.

4. Presentation by Dr. Hussein Kamal about “Joint Conservation Project Work Plan”:

He talked about the overall goal and the project purpose which is GEM-CC acquired a high level of skills, techniques and experience on conservation-related works, then he talked about the three outputs of the project and the monitoring by installation of capacity assessment system and project management.

He continued by talking about the project targeted artifacts, 71 artifacts comprise different kinds of materials (wood, textile and mural painting with different conditions. In addition, he talked about Conservation policy, which GEM-CC trying to implant in conservators, like the minimum intervention while dealing with objects, international charters and the importance of applying the preventive conservation principles and procedures while dealing with artifacts. Finally, he explained the project organizational structure.

5. Presentation by Mr. Miyoshi about monitoring:

Mr. Miyoshi started off his presentation by acknowledging that he and Dr. Hussein had reviewed and made the presentation together, and that after Dr. Hussein's good presentation Mr. Miyoshi would like to continue on behalf of Dr. Hussein about monitoring.

He went on explaining how all JICA project integrate a monitoring system, and that they decided to make a jointly made monitoring system bilaterally and report together to JICA, then he explained about the goal of the project within the PDM which is generally divided by 2 indicators which are the number of completely conserved artifacts and the C-CAS indicators. In other words, monitoring is for items and human resources, he then continued his presentation using the prearranged slides to explain about both indicators.

He introduced tools to use in monitoring indicating its importance and effectiveness for the project manager to be aware of all processes and in the same time can modify and coordinate work plan to deliver the project in time.



The main tools introduced included:

- Kanban board monitoring system both an analogue and digital system.
This tool is basically a board that is divided in to 3 sections: To-do, Doing, and Finished.
A very simple yet effective tool to allow the project manager to see the whole picture of the progress of work, and by utilizing the digital tools the Japanese experts in japan can follow the progress of work as well as JICA too.
- C-CAS is a tool for monitoring the development of human resources that is based on the previously implemented CAS. He added that this isn't expected to be implemented immediately, and that further discussions will be required.

6. Main points discussed:

• *The Project Implementation structure:*

- The difference between the head of group and coordinator is: the head supervises the work of the group, whereas the coordinator coordinates with the committee and other team members, shares data and arranges meetings and work.
- The committee will discuss and decide the conservation plan, however the group is the executive part of the structure and they work according to the decision of the committee.
- The project member names of the Egyptian side will be allocated according to the specific work within two days after JCC by Dr. Hussein.
- As mentioned that the member list is not confirmed yet, Dr Hussein will consider someone in this member list to be in charge of monitoring
- The function and responsibility of each group and committee will be decided and included in the work plan, and will be shared with all project members.
- Dr. Hussein will be a member in each committee, since the committee decided the conservation plan for each group.
- Dr. Bassem can join the mural paintings group as a committee member.

• *Project scope:*

- The number of target artifacts has changed to be 71 artifacts according to the list attached to work plan.
- GEM Joint Conservation Project is only for the 71 targeted artifacts, JICA also has the Capacity Development Project and the transportation capacity development issue is supported under the CD project, so other than the 71 targeted artifacts it's possible to consult with CD project, however as for this project, the expert's support will be for the target artifacts only.

- Target artifacts are divided into 3 main categories of Lead, Follow, Other. What we will do is the Lead and Follow, as for others it means that after the projects finishes completely they can use the remaining materials and utilize the transferred techniques in their work.
 - The project's main focus is on Lead and Follow, so during the project duration we can't be concerned with other artifacts until Lead and Follow artifacts are done. The point is that the main priority for the project is Lead and Follow target artifacts.
 - Regarding valley temple's stone relief, the transportation and conservation will be done by the Egyptian side; the Japanese and Egyptian team will draft transportation plan together.
- **Conservation policy:**
 - Further discussion about adding the preventive conservation concept to conservation policy with the Japanese expert is required to define the criteria of minimum intervention. Also, it is possible to finalize the guideline and add points according to discussion with Japanese colleagues.
 - Some modification need to be made to parts of the structure to suit preventive conservation and any further comments and ideas about the implementation structure are open to discussion later.
- **Other points clarified:**
 - Clarifying about monitoring, the purpose of the monitoring system for the artifacts is that the project manager can see a broad picture of the work progress of the designated 71 artifacts.
 - The next JCC it is scheduled to be one year later.
 - JICA has 3 other projects for GEM running at the same time, which they are trying to coordinate with and monitor together. As JCC for this project will be held a year later, during this period, should anything happen we can discuss biweekly in the GEM-JICA working regular meeting.
 - Clarifying about responsibility and risk, it will be according to the approved R/D.
 - When the member list is finalized and all modifications are complete, the work plan will be signed, then we shall share copies with all related project members.



7. Closing:

(Mr. Nakamura)

He expressed his appreciation of having the first joint coordination committee, and to everybody for their contribution. And he commented that we could confirm the policy of conservation for this project, and also confirmed the implementation structure, including the C-CAS and monitoring system with which we can control the flow of work. Also, participants agreed to share the work plan because it will contribute to better understanding of the project.

He also stated that after the meeting he would like to prepare the data of the result of this meeting and give it to Dr. Tarek for his confirmation. He expressed his pleasure to start this enormous project of humans and treasures, and thanked everybody for the arrangement to facilitate the investigation work in EM, as it made the work of taking measures and photography very smooth. Although some of the experts have already left, they were very satisfied. Moreover, he added that we are now onboard of the same boat, and we are very happy to make new history of ourselves.





№ 0107

JICA - GEM Joint Conservation Project25th December, 2017

Dr. Tarek Sayed Tawfik
General Supervisor of Grand Egyptian Museum

RE: Minutes of the 2nd Joint Coordination Committee

Dear Dr. Tarek Sayed Tawfik,

I am pleased to extend my sincere appreciation for your continued support and cooperation for the Project.

Please find the attached minutes of the 2nd Joint Coordination Committee meeting, which was held on 28th November, 2017.

After confirming the content, I would like you to sign on 2 sets of the documents and return one back to the Project Office.

Thank you very much for your cooperation in advance.

Sincerely yours,

Nishisaka Akiko
Deputy Project Manager
Grand Egyptian Museum
Joint Conservation Project

**Minutes of the 2nd Joint Coordination Committee of the Grand Egyptian
Museum-Joint Conservation (GEM-JC) Project**

Date and Time: 28th November, 2017, 10:00 A.M ~ 12:00 A.M.

Venue: Le Meridien Pyramids Hotel – Meeting room

Attendants:

GEM-CC

Dr. Tarek Tawfik	General Supervisor, GEM
Dr. Hussein Kamal	General Director for Technical Affairs, GEM-CC
Mr. Mohamed Atwa	General Director of Artifacts and Information Affairs GEM-CC
Mr. Eissa Zidan	General Director of First Aid, Packing, Transportation and Condition report, GEM-CC

JICA

Mr. Mizuki Matsuzaki	Senior Representative, JICA Egypt Office
Mr. Kei Sakamoto	Representative, JICA Egypt Office

Japanese Embassy in Egypt

Mr. Hidekazu Tanaka	First Secretary, Japanese Embassy in Egypt
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GEM-JC Project

Mr. Mikio Nakamura	Project Chief Advisor
Ms. Shino Narazaki	Administration and Overseas Project Division, JICE
Ms. Akiko Nishisaka	Project Deputy Advisor
Ms. Misako Moriyama	Project Coordinator/Procurement Manager
Dr. Fumio Kirino	Conservation Science Advisor
Dr. Yasushi Okada	Technical Chief Advisor, Wood Conservation Committee
Dr. Yoshiko Shimazu	Conservation Science Deputy Advisor
Dr. Takayasu Kijima	Documentation Group
Dr. Nozomu Kawai	Documentation Group
Dr. Tomohide Matsushima	Diagnosis/Analysis team
Ms. Mamiko Yasuda	Public Relations, Tokyo University of Arts
Ms. Riham Nabil	Senior Accounting /Administrative Officer
Mr. Moazbellah Elgabry	Project Officer

GEM-CD Project

Mr. Hisashi Matsunaga	GEM-CD Project
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Khufu Second Boat Project

Mr. Hiromasa Kurokochi	Khufu Second Boat Project
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1. Opening:

Dr. Tarek made a welcome speech by expressing the Government's interest in GEM-JC project expressing and how the minister was always asking about the progress of work of GEM construction project as well as GEM-JC Project. Then he thanked all the attendants, and wished that meeting would be a fruitful one.

Mr. Matsuzaki thanked everybody and expressed his pleasure to participate in JCC meeting which represented JICA's cooperation for GEM JC Project, appreciated everyone's contribution to the progress of the project, and expressed that the purpose of the meeting was about confirming the progress of project activities.

Mr. Nakamura appreciated the attendance of everybody by acknowledging the contribution of each party. He then congratulated and appreciated JICA Office for supporting successful procurement of the X-Ray equipment that led smooth implementation of the project afterward.

2. Presentation by Dr. Tarek about opening of GEM:

The presentation was proceeded by the slide show.

Dr. Tarek made a brief presentation about general progress towards opening of GEM, while mentioning that Dr. Hussein would talk in more detail about the joint conservation project updates.

The following is the summary of Dr. Tarek's presentation.

- The construction project has advanced dramatically with 75% of the work completed of which 100% of the steel work, about 55% of the interior work, and 55% of floor paving finished.
- 4,230 artifacts had been transported and carefully stored in the labs and storerooms of GEM-CC, of which 3,000 to be displayed.
- Cooperation of JICA for the safe transportation of many of those artifacts is appreciated.
- Currently there are only 800 pieces in Tahrir museum with the work going on as scheduled.
- The restoration and conservation work for over 3,700 artifacts from the tomb of Tutankhamun are underway. They are ready to display as the designer company has finished the design of two galleries of Tutankhamun.
- The show cases will be designed by two world class companies selected by tender process.
- The mounting is being tendered out so that the pieces can be moved to its designated place once the galleries become dust-free.
- In October 2016 GEM was announced as an individual entity which facilitated decision-making on the best way of administration. In this context, a company responsible for the management and operation of GEM will be assigned. Japanese companies are encouraged to join the bidding.
- The right way of management and running of this huge museum complex has been established.



3. Presentation by Mr. Mohamed Atwa about the progress with the designing

Mr. Atwa started his presentation by thanking GEM Construction Contractor and other project staff for finishing the phase 1 of Tutankhamun galleries, Grand Stairs and Children Museum. He mentioned 100% of their design has been approved and authorized and that he would finish tendering of the mounting and showcases in a few months.

4. Presentation by Mr. Eissa Zidan about “Transportation work progress”:

Using the presentation slides he showed that GEM has database unit, first-aid unit, packing unit and preparation unit. He then elaborated on each unit's roles and how they conduct transportation activities within GEM-CC and outside GEM-CC and Cairo, transporting different kinds of artifacts from various location using techniques and equipment provided through technical cooperation of JICA. He finished his presentation by showing a table indicating numbers of artifacts that had been transported in each year.

5. Presentation by Dr. Hussein Kamal about progress of GEM-JC Project:

Dr. Hussein reviewed the activities of the project for the past year, and he started his presentation by reviewing the planned procedure of work operation, general planning, implementation and evaluation. Then he explained about technical procedures from preparation, evaluation of artifacts' current condition, first-aid conservation, packing and transportation, IPM, documentation and investigation, diagnostic analysis to conservation.

He indicated that the completion of output 1 was even faster than planned, and output 2 and 3 were still in progress and moving forward.

6. Presentation by Ms. Nishisaka on “Technical Report for Lead Objects and Proposals for Amendments to Annexes”:

Ms. Nishisaka presented the technical points, such as the equipment and instruments that ensured the safety of objects during transportation, including the X-ray device and 3D scanner which were used for documentation, as well as the anti-vibration pallets used for transportation.

She indicated that the lead objects output 1 and output 2 up to 2-1 Fumigation had been completed.

Ms. Nishisaka then elaborated on the technical challenges faced during different stages of work.

Ms. Nishisaka proposed a few amendments to be made to Annexes as follows:

- Amendment to Annex 2 (Target Artifacts); a new piece found to be a part of the object Textile 6 (Lead) must be included in the list. The new tunic found in addition to the 4 existing ones must be included in the Target Artifacts as a follow object (Textile 22) so the same way of mounting can be applied to all 5 tunics.
- The monitoring team suggests amending the indicator no.2 of the project purpose to be "A number of cases of improvement of technologies of participating professionals are reported. 3. A number of presentations made by participating professionals in national and international seminars, symposium, journals, etc."
- The current plan of operation was formulated on the assumption that the soft opening was to be held in May 2018. We need a more realistic plan as the opening is postponed and changes of transportation schedule are foreseen.
- The list of active project members has been updated.

7. Presentation by Mr. Eissa about "Future plan of transportation":

By showing slides, pictures and videos, Mr. Eissa explained how the target artifacts of GEM-JC project was packed and transported. He moved on to the future plan of transportation for the follow objects, showing the expected dates of transportation for each piece.

Transportation 1: 23rd Sept – 16th Oct (24 days)

- Bed (Toeris couch)
- Chariot (gilded)
- Textile (2 tunics and small Items)
- Inspection of Luxor Chariot

Transportation 2: 8th – 23rd Dec (16 days)

- Textile (2 Tunics)
- Chariot (15661)

Transportation 3: 15th Jan – 3rd Feb (20 days).

Wall paintings:

- GEM74788 (2 large pieces)
- GEM74786 (3 medium pieces)

Transportation 4: (Postponed from Dec. 2017)

- Chariot (15662)
- Bed (Cow-headed couch, 260)

(※ Japanese Transportation team only partially available due to a lack of 10 days in MM) Apr.-May 2018, if not later than Oct.2018)

Unpreferable date: June-Sep. because the hot weather may damage the object)

Transportation 5: (Postponed from Nov. 2017)

- Chariot (GEM45612 from Luxor)

(※ Japanese Transportation team not available)

Preferable date: Feb.-Mar. 2018, if not later than Nov.2018

Unperformable date: Mar.-Oct. because the hot weather may damage the object.

Transportation 6: (Postponed from Mar. 2018)

- Wall paintings (GEM74785, 74787, 74788)

(※ Japanese Transportation team not available)

Preferable date: Apr.-May 2018, if not later than Oct.2018)

Unpreferable date: June-Sep. because the hot weather may damage the object)

8. Main points discussed:

- **Tutankhamun Exhibition Tour:**

- 166 pieces will go on a tour to 8 countries including Japan (Tokyo, Osaka) other countries include USA, France, UK, Germany, Australia and Singapore as an international propaganda for the museum proposed by the Egyptian state.
- The tour starts in March 2018 in USA and will continue for about 3 years.
- The rest of the artifacts in the Egyptian Museum, mostly the golden pieces, do not require much conservation, so they will be moved directly for display in GEM. The 72 Project targeted artifacts will not be included to the Tour.

- **Counterparts changing issue:**

- There were some changes in staff according to structure changes in the Ministry of Antiquities. However, GEM-CC administration itself had no direct influence on this. There will be no further change concerning current staff, but there will be new staff to create new capacities in GEM.

Information dissemination:

- There is quite a lot of information dissemination, however we might need to channel it and define what information go where.
- Some of the project members from different groups are not familiar with the processes of the project and progress of other groups, so we will consider holding internal lectures within GEM-CC making frequent presentations by each group to report their progress.

- **Procurement:**

- The current process of local procurement requires someone to be in charge of procurement from each team to select and list up the required materials to be procured and to help the project office in procuring it. Therefore, the team head shall be in charge of procurement and will be responsible for assigning staff to do procurement work.

- **Public relations:**

- The importance of public relations for the project is emphasized, therefore Dr. Tarek wants to discuss with Mr. Atwa about how we should make a plan for presentation of either photos or videos to publicize the project at the time of soft opening.
- A plan will be discussed to have some lectures in universities to give them an idea about the conservation that is being done here and the project activities.
- Draft schedule of PR activities is as Annex

- **Analysis work in the project:**

The cooperation between scientists, archaeologists, and conservators is very important to achieve the best results in the analysis activities, on which the

conservation plan and policy will be based. Therefore, they shall function transversely and engage together at all stages. A framework that supports this concept is expected to be applied in GEM-CC even after the project ends.

- **Preventive conservation concept establishment:**

- The establishment of preventive conservation will require great efforts from many stakeholders and the cooperation between many parties. In GEM-CC, this concept is taking further steps to establish it completely. In preparation for the display in GEM, a division concerned with preventive conservation shall be created to supervise the displayed objects in GEM.
- To establish the concept of preventive conservation among GEM-CC conservators, the current attitudes of “conservators must do interventive conservation” has to be changed that of “the conservator shouldn’t intervene unless necessary”.

- **Security concerns:**

Due to recent unfortunate events of terrorism, the security measures are even more severe. Ensuring the safety of the staff and project members is very important.

- **Customs clearance:**

There is some concern about the customs clearance procedures especially for the shipments sent from Japan. Delay in customs clearance directly affects the progress of the project.

9. Closing:

Mr. Nakamura appreciated confirming the great progress achieved, mentioning that conservation will start the next year which is something we all look forward to.

He expressed his wishes to follow through with the cooperation opportunity with E-JUST and utilize this potential in diagnostics and analysis.

He finished his concluding remarks with acknowledging every body's work.





JICA - GEM Joint Conservation Project

30th December, 2018

№0204

Dr. Tarek Sayed Tawfik
General Supervisor of Grand Egyptian Museum

RE: Minutes of the 3rd Joint Coordination Committee

Dear Dr. Tarek Sayed Tawfik,

I am pleased to extend my sincere appreciation for your continued support and cooperation for the Project.

Please find the attached minutes of the 3rd Joint Coordination Committee meeting, which was held on 29th November, 2018.

After confirming the content, I would like you to sign on 2 sets of the documents and return one back to the Project Office.

Thank you very much for your cooperation in advance.

Sincerely yours,

Nishisaka Akiko
Deputy Project Manager
GEM-JC Project



P.S. Wishing you a very beautiful new Year full of joy and happiness!

مدير عام الشؤون الفنية
للمراجعة والافادة

٢٠١٨/١٢/٣١

الأستاذ الدكتور / طارق مصطفى السيد
المفتاح
للمراجعة والافادة
للمراجعة والافادة
للمراجعة والافادة

**Minutes of the 3rd Joint Coordination Committee of the Grand Egyptian
Museum-Joint Conservation (GEM-JC) Project**

Date and Time: 29th November, 2018, 10:00 A.M ~ 12:00 P.M.

Venue: Le Meridien Pyramids Hotel – Meeting room

Attendants:

GEM-CC

Dr. Tarek Tawfik	General Supervisor, GEM
Dr. Hussein Kamal	General Director for Technical Affairs, GEM-CC Project Manager of GEM-JC Project
Mr. Mohamed Atwa	General Director of Artifacts and Information Affairs GEM-CC
Mr. Eissa Zidan	General Director of First Aid, Packing, Transportation and Condition report, GEM-CC
Ms. Eman Shalaby	Textile Conservation Committee
Dr. Sayed Mansour	Wall Painting Conservation Committee
Ms. Gelan Mahmoud	Wood Conservation Committee

JICA

Mr. Mizuki Matsuzaki	Senior Representative, JICA Egypt Office
Mr. Kei Sakamoto	Representative, JICA Egypt Office

JICE

Mr. Nobuaki Hirakawa	Secretary General, JICE
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GEM-JC Project

Mr. Mikio Nakamura	Project Chief Advisor
Ms. Akiko Nishisaka	Deputy Project Manager
Ms. Misako Moriyama	Project Coordinator/Procurement Manager
Dr. Yasushi Okada	Technical Chief Advisor, Wood Conservation Committee
Dr. Motonari Oyama	Wood Conservation Committee
Dr. Yoshiko Shimazu	Conservation Science Deputy Advisor
Dr. Mie Fujimaki	Textile Conservation Committee
Ms. Kumi Masuda	Wall Painting Conservation Committee
Mr. Hidemasa Tokuda	Packing and Transportation Group
Mr. Yoji Masada	Packing and Transportation Group
Ms. Riham Nabil	Senior Accounting /Administrative Officer
Mr. Moazbellah Elgabry	Project Officer
Ms. Mariam Elgammal	Public relations assistant

GEM-CD Project

Mr. Hisashi Matsunaga	Project Deputy Advisor
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Akiko Nishisaka

[Signature]

1. Opening:

Dr. Tarek made a welcome speech by expressing that the Government of Egypt gives GEM project a priority and is anticipating its completion in 2020. Then he appreciated the presence of all the audience and wished that the meeting would be a fruitful one.

Next, Mr. Matsuzaki added that on behalf of JICA, he would like to express his appreciation of the great contribution from all parties to the project. He also commented that "it has been great to hear the progress through the JCC meetings, and this wouldn't have been possible without everyone's support and contribution".

Also, Mr. Hirakawa added his remarks saying that he is happy to be attending this committee. And, on behalf of JICE, he expressed his sincere appreciation for their continuous support, concluding that everybody in JICE is trying their best to make this project successful.

Mr. Nakamura concluded the opening remarks of the JCC meeting by introducing all participating members and their roles and finished by hoping for everyone to have a successful meeting.

2. Speech by Dr. Tarek about the opening of GEM:

The following is the summary of Dr. Tarek's presentation.

Dr. Tarek explained about GEM and the progress of the plan and the foreseen plan

- 1- GEM project has finished 85% of the project work overall, of which:
 - Concrete and metal works are completed by 100%,
 - The currently proceeding inner and outer finishings are completed by more than 75%
 - Work is progressing on the outer façade and the glass wall of the commercial area with
 - The pyramid entrance is finished and the palm trees were planted.
- 2- The good training that the staff has been receiving over the years, allowed them to transport 45,000 artifacts. The great transportation of Tutankhamun's beds and chariots was a symbol of cooperation between Egypt and Japan.
- 3- The President of Egypt is giving the project a high priority and expects that this museum will be finished by 2020.
- 4- About 45,000 artifacts had received conservation.
- 5- The progress is not confined only to our project but also Egypt is developing the infrastructure around the area. Half an hour away the Sphinx airport will open in 2019, and the streets around GEM are 80% complete and will be inaugurated in 2019.
- 6- The whole area around GEM and pyramids will be developed, so we are looking towards a big project that will have a great impact on Egyptian tourism industry which is a big segment that reaches up to 25 million people in this industry who will benefit from such development.

3. Presentation by Dr. Hussein Kamal and Ms. Akiko Nishisaka Akiko about the progress of GEM-JC Project:

Dr. Hussein Kamal started by overviewing the expected outputs of the project in the PDM and continued to report the progress of each output with the help of presentation slides. Below is a summary of the reported progress:

For the 8 wood, 57 textile, and 6 wall paintings target artifacts,

- 1- 100% is completed in Condition check, first aid, packing, and transportation.
- 2- 100% is completed in Fumigation.
- 3- 50% is completed in Documentation, Investigation, and Analyses
- 4- Conservation Plan is formulated in all groups
- 5- Conservation Work is in progress in all groups

Ms. Nishisaka continued by proposing a few amendments to the work plan:

1- The Canopy (Sunshade), which was found out to be a part of the Lead Object "Chariot 2" will be included in the "List of Target Artifacts" (Document No.8)

(approved)

2-Modification to the "Plan of Operation based on Artifacts" (Document No.4), according to the new opening schedule of GEM (**pending**).It will be reviewed once more after JCC and be approved by the participants.

4. Presentation by Ms. Gelan Mahmoud and Mr. Yasushi Okada about "Confirmation of Conservation Plan and future schedule for Wood Artifacts":

Using the presentation slides Ms. Gelan presented the outline of the conservation plan including Removing first aid materials, Investigations & Analysis, Discussion and the Conservation plan to the selected objects. The group's Conservation plan and activities for GEM-JICA target wood artifacts were distributed to the participants of JCC as Document No.5

5. Presentation by Ms. Eman Shalaby and Ms. Mie Ishii about "Confirmation of Conservation Plan and future schedule for Textile Artifacts":

Ms. Eman presented an overview of the textile target artifacts and the workflow of the different stages of work. She presented numerous challenges that they have faced in the various types of textile artifacts, and briefly explained how they handle and address the challenges.

She explained that the conservation plan was formulated for all target artifacts. She then elaborated on the plan for the next stage of work, which will be focused on preparing the mounts and preparing the textile artifacts for display. The group's Conservation plan and

activities for GEM-JICA target textile were distributed to the participants of JCC as Document No.6.

6. Presentation by Dr. Sayed Mansour and Ms. Kumi Masuda about “Confirmation of Conservation Plan and future schedule for the Mural Paintings”:

By showing slides, Dr. Sayed explained the progress of formulating the conservation plan. He talked about the challenges they faced from the start of transportation given the fact that they were very fragile, and it had many challenges regarding its condition. He continued explaining about the major points of consideration in formulating the conservation plan. After formulating the conservation plan, execution will take about 6 months. The plan was based on many experiments conducted on replicas to have concrete knowledge about the results that can be expected from applying the tested methods on the real object.

He concluded that the team decided on the filling materials and the methods of consolidation for both the colored surface and the body of the mural paintings. The group's Conservation plan and activities for GEM-JICA target wall paintings were distributed to the participants of JCC as Document No.7.

7. Brief by Mr. Kei Sakamoto about “Coordination with other projects”:

Mr. Sakamoto briefly overviewed the current GEM-related projects. Namely, the GEM construction project, GEM-JC project, GEM-CD project, and the excavation of Khufu's second boat project.

He commended the progress of construction and added that JICA will enhance the disbursement of its loans. He added that GEM-CD project is working with the GEM side on the operation management and that the project is planned to finish in March 2019 but the possibility of its extension is under consideration. As for the second solar boat, the engineering committee visited the site in order to study it to start building the second boat building at GEM.

He concluded by commending the collaboration from all the projects and wished for the successful opening of GEM.

8. Main points discussed:

Review of points discussed in the previous JCC:

1- Public relations:

Ms. Nishisaka explained:

- a. Collaboration between GEM-JC project members and non-project members: The project conducted an internal seminar on 29th August 2018 to allow non-project members to understand the project activities. The seminar received many participants. She added that the project will continue this effort.
- b. The project hired a professional team to make promotional videos. A 5-minute video is now done, and it will be re-narrated in Arabic and translated into English. Also, until the end of the project, they will provide another 20-minute video.
- c. The project will continue the effort in the public relations as planned.

2- Procurement and Equipment management:

Ms. Moriyama briefed everyone about the equipment managed by the project and GEM-CC. She also attached a list that shows where each equipment is kept and by whom it is managed.

In terms of the sustainability of procurement in GEM-CC, it is expected to continue this procurement management system and that further cooperation from the conservators is needed for doing procurement procedures.

Points raised at 3rd JCC:

1- Health and safety:

- a. It was informed by Dr. Hussein that the Health and Safety Management Committee is functioning in GEM-CC. Headed by Dr. Osama, the committee is formed since the inauguration of GEM-CC. The committee holds a periodical meeting each month to discuss the situation of health and safety. After the opening of GEM, the committee will manage health and safety in all GEM.
- b. Mr. Nakamura informed that a Health and Safety Workshop was organized by Ms. Hanan and Dr. Kirino on 19 November in GEM-CC, in which more than 70 people have participated. This activity is important to emphasize and remind the importance of Health and Safety in GEM-CC.

2- The plan of training X-ray radiography operators:

Dr. Hussein explained that Egyptian government requires people who operate X-ray devices to be licensed. While GEM-CC staff was trained to operate the device along with Japanese experts, GEM-CC started procedures to have GEM-CC staffs to attend a training course on the handling of X-ray offered by EAFA. Within the next 3 months, they are expected to get the license and start using the X-ray radiography by themselves.

3- Analysis plan:

- a. Dr. Hussein explained that the analysis plan has two parts, the first part is non-destructive analysis and investigation before and after transportation. Permission from the Permanent Committee of SCA has been already obtained and analysis is being conducted. Another part for destructive analysis is needed to be formulated according to the available loose fragments already separated from an object. Dr. Hussein clarified that it is GEM-CC's policy not to make any samplings, and therefore, the necessity to use loose tiny pieces that are already separated and it also depends on the necessity. So, the experts had prepared all plans according to the information required for the conservation plan and GEM-CC is preparing a letter to the Permanent Committee to have approval in order to complete the analysis plan.
- b. Dr. Shimadzu emphasized that because of the worldwide importance of the artifacts, the scientific analysis and evaluation of components and condition of artifact is an integral part of our conservation activities. As Non-destructive methods have its limitations, we would like to proceed with further analysis in GEM-CC and in Japan, also cooperating with E-JUST by using available loose fragments already separated which is not possible to be placed back to the artifacts. At last, Dr. Shimadzu stressed that these important analyses can be only conducted by GEMCC, not other people in the world, and taking this into consideration, the analysis needs to be proceeded.

4- Publications:

Dr. Tarek suggested that Egyptian side encourage and welcome the idea of having publications of our joint work, explaining that in the preliminary meetings we discussed that these publications should have 2 formats. One academic format and another which is more directed to the general public in order to make people around the world be aware of the fine work that has been conducted.

5- Suggestions for further cooperation:

Dr. Tarek mentioned that training has shown to be very effective, however, there is too much work to do. Therefore, he suggests focusing on a new model of technical cooperation to complete as a joint work. The bellow is the suggested fields of further cooperation:

- a. Moving the artifacts safely to their display location and installing them.
Completing the on-going cooperation, including the display of the mural paintings and reconstruction of the tomb, and the
- b. display of King Sneferu's stone reliefs.

Dr. Tarek added that if we do cooperation in the display, it is possible to have interactive stages to showcase the cooperation story of the process of transportation and conservation and reconstruction of the objects.

Mr. Sakamoto responded that the suggestions raised by Dr. Tarek will be officially discussed and considered by JICA.

9. Closing:

Mr. Nakamura appreciated confirming the great progress achieved, mentioning that it was possible thanks to the good communication between both work teams and the great leadership of the managers. It is our duty to think about how to deliver to all the world the story of such great work of handling the precious treasures to Egypt and the world. And all our efforts will not only serve to make this project successful but also allow the coming generations to enjoy the fruits of our work. He concluded with his wishes for everyone to keep cooperating for even more success.

Atsuo Nakamura

[Handwritten signature]

Monitoring Guideline of GEM-JC

1. Background and Objectives

"Grand Egyptian Museum Joint Conservation Project: GEM-JC" is concerned with implementing all conservation processes (Condition check, first aid, packing, transportation, analysis, and conservation), jointly done by experts of Egypt and Japan. It is expected that GEM-CC experts will complete all conservation activities by collaborating with JICA experts. The following is the project structure, agreed in the R/D (Record of Discussion) officially signed.

Narrative summary from (Project Design Matrix PDM)	
Title: Grand Egyptian Museum Joint Conservation Project: GEM-JC	
Period: November 2016 - October 2019 (3 years)	
Overall goal	
GEM-CC, as the hub institute of conservation and study in Egypt, conducts conservation-related activities, and the artifacts in the GEM exhibition are preserved in an appropriate condition.	
Project purpose	
GEM-CC acquires a high level of skill, technique, and experience on conservation-related works.	
Outputs	
1. Documentation, First aid, Packing, and transportation to GEM is conducted for target artifacts.	
2. IPM and diagnostic analysis to be conducted for target artifacts and the conservation plan to be formulated.	
3. Conservation of target artifacts is conducted	

Monitoring is one of the key activities of the project and it ascertains the achievement of the project goals including "Output", "Project Purpose" and "Overall Goal". In Dec. 2016, the Monitoring team was dispatched to establish the Monitoring system and the guideline of The monitoring system (ver.4) was drafted. The prototype was tested by the project and fully reviewed. The new version of The monitoring system was drafted. This short guideline describes the system for all stakeholders concerned.

2. Target Indicators

Indicators in PDM were clarified on the number of target artifacts and capacity development of GEM-CC staff.

Project Purpose	Indicators for Project Purpose
GEM-CC acquires a high level of skill, technique, and experience on conservation-related works.	(By the end of October 2019) 1. 90% of the "Lead" artifacts and 80% of the "Follow" artifacts, conserved by the GEM-CC, are accepted as being ready for display by JCC(*2). 2. The number of cases of challenges and solutions reported by participating professionals (Egyptians and Japanese) . 3. The number of presentations made by participating professionals in national and international seminars, symposiums, journals, etc.
Outputs	Indicators for Outputs
1. Documentation, first aid, packing, and transportation to GEM of the target artifacts are conducted.	1.1. 90% of the "Lead" artifacts are placed at the designated location with the satisfying quality by the planned time. 1.2. 80% of the "Follow" artifacts are placed at the designated location with the satisfying quality by the planned time.
2. IPM and diagnostic analysis of the target artifacts are conducted, and conservation plans are formulated.	2.1. 90% of conservation plans of the "Lead" artifacts are formulated by the planned time. 2.2. 80% of conservation plans of the "Follow" artifacts are formulated by the planned time
3. Conservation of the target artifacts is conducted.	3.1. 90% of the "Lead" artifacts are reported as being conserved based on the conservation plans. 3.2. 80% of the "Follow" artifacts are reported as being conserved based on the conservation plans.

As the indicators showing, there are three key aspects of the project goals. One aspect is the number of “Artifacts” to be conserved. The number of target artifacts is a total of 72, 10 of which are Lead Artifacts and the other 62 are Follow Artifacts. The

number of artifacts processed in the project is one of the major indicators for showing the project's success.

The second aspect is the level of the capacity building of GEM-staff. The early version of the Monitoring system, a capacity building and The monitoring system named "C-CAS (Conservation Capacity Assessment System) was recommended. However, the testing of the C-CAS revealed that the notion and naming of "capacity building" were not well approved by some of the leading laboratory staff and their counterpart Japanese experts. They asserted that the Project is a joint cooperation project done by all professionals (Egyptian and Japanese) who do not expect to get an evaluation for their skills/knowledge. After the management-level staff of the project discussed the matter with the Monitoring team, it was agreed that the C-CAS is not to be conducted, instead, a collection of cases of technical improvement through the project is to be done for proxy indicators. PDM indicator was also modified to be "A number of cases of challenges and solutions reported by participating professionals (Egyptians and Japanese) are reported."

The third aspect measures the recognition and acknowledgment of GEM-CC as a hub of research in Egypt, by using the number of participations in national and international conferences and journals. For this purpose, PDM was modified to include "A number of presentations made by participating professionals in national and international seminars, symposium, journals, etc." where such data is collected to represent a proxy indicator.

For attaining the goals, the inputs of human resources (from the Egyptian side and Japanese side) are very important. It requires to check as to whether enough inputs of human resources are provided to produce outputs. Therefore, the project's monitoring is concerned with inputs.

Finally, the project Overall Goal is also considered in the project's monitoring. The indicators are still qualitative and contain various aspects of impacts as "GEM-CC as the hub institute of conservation and study in Egypt, conducts conservation-related activities, and the artifacts in the GEM exhibition are preserved in an appropriate condition".

Therefore, target indicators of Monitoring are as follows.

- 1) Human Resource Inputs
- 2) Budget usage
- 3) Target Artifacts
- 4) Technical Challenges and Solutions
- 5) Various impacts of the project

These indicators are dispensable to achieve the project success described in PDM (Project Design Matrix), whose schedule is speculated in P/O (Plan of Operation). In the excel file named “Monitoring with PDM20181111(Moaz).xls”, all planned indicators except “4) Various impacts of the project” can be found. This Excel file is one of the key documents of the project’s Monitoring because the monitoring will be done by updating the contents in the file.

3. Monitoring Activities for Each Indicators

To monitor the target indicators, there are a few tools to be utilized.

(Tool_1) Human Resource Inputs Plan and Monitoring Sheet

(Tool_2) Plan of Operation Monitoring Sheets in Excel

(Tool_3) Reports submitted by Japanese Experts

(Tool_4) Interviews with Egyptian / Japanese experts by the Monitoring Team

(Tool_5) Project Publications/ Other Publications / News

(Tool_6) Consumables and tools record

(Tool_7) GEM Achievement database

(Tool_8) Visitors and media records

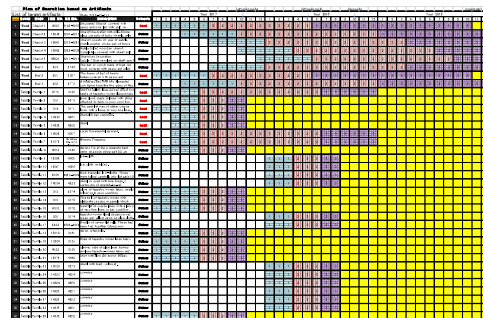
The following sections will explain each tool.

(Tool_1) Human Resource Inputs Plan and Monitoring Sheet in Excel

GEM-CC experts and their Japanese counterparts are listed in the sheets named “GEMStaff_Monitor” and “JICAstaff_Monitor” respectively in the MS-Excel file named “Monitoring with PDMxxxx.xls” (xxxx means dates of updated). Human resource inputs are recorded based on the above tools and the record of inputs is recorded in sheets named “GEMstaff Monitor” and “JICAstaff_Monitor” in MS-Excel file “Monitoring with PDM”.

(Tool_2) Plan of Operation Monitoring Sheets in Excel

By holding hearing sessions with each committee member of wood, Mural paintings, and textile the members report the current status of each artifact. Also, by looking at the Kanban boards (in laboratories and on the web), the progress of the conservation works is recorded in the Plan of Operation with Artifacts, found in the sheet “PO_Monitor” in the MS-Excel file “Monitoring



with PDMxxxxx”. The works are recorded in the process which are categorized as follows

Definitions

- 1= Activities in Output1 (From Documentation to Transport)
- 2= Activities in Output2 (From Fumigation/ Analysis to Conservation Plan)
- 3= Activities in Output3 (From Conservation to Advice for display)
- 4= Ready for being authorized by JCC for future display

(Tool_3) Reports Submitted by Japanese Experts

Reports are supposed to be submitted by the Japanese Experts after completing their mission to Egypt. Reports have some sections related to the conservation of target artifacts, and change/improvement of technologies and other impacts occurred through the Project. Therefore, the reports are constantly collected and reviewed by the management level staff of the project together with the Monitoring team to ascertain the level of achievement. Also, the information collected from the reports adds to the data required to measure indicator 3 of the PDM.

(Tool_4) Interviews with Egyptian and Japanese Experts in Monitoring Study

At the timing of the Monitoring team assignment, the Monitoring team conducts a series of interviews with stakeholders such as Egyptian and Japanese Experts to confirm the progress of the conservation of artifacts and their positive changes/improvement of technologies by participating in the project. It also collects data about other monitoring aspects such as participation in conferences and journals, cases of development and lessons learned from the challenges faced, and other challenges remaining and the approaches to overcome it.

(Tool_5) Project Publications and Media records

Through the project, there will be several publications such as Project news, website, journal, documentaries. These models of information sources are important to collect information that impact the project. There are other sources of information such as TV-News, Newspapers in Egypt and Japan, etc. These models of information sources are important to collect information that impact the project. Also, the project office regularly records when any newspaper, TV channel, and other media mentions the activities of the project or GEM-related news and keeps the data in an MS-Excel file called "Media & Publications Archive.xlsx". all collected data are summarized and analyzed to extract relevant information and proxy indicators for the project progress, then reported in the monitoring sheets. In addition, the project's website keeps analytical data that is used for monitoring to measure the social impact of the project.

(Tool_6) Consumables and tools record

The project keeps regular records of all consumables, tools, devices, and equipment procured by the project along with its costs in an MS-Excel file called “xxxx_Budget usage monitoring.xlsx”(where xxxx represents the date of latest update). This record is used to summarize the budget usage and its allocation to each category and team, and the summarized data will be reported in the monitoring sheets.

(Tool_7) GEM Academic Achievement database

ID	Natio	GEM	Name	Journal	Conference	Contribution ty	title	date	editio	County	publishe	Fund	Referenc
1	Egyptian	GEM	Ahmed Abdou	N/A	ICOM-CC 18th Triennial Cor	Poster	The application of multispectral imaging and reflectance transformation ima	Sep-17	N/A	Copenhagen		Self	CP(Geity)
2	Egyptian	GEM	Sayed Mansour	N/A	ICOM-CC 18th Triennial Cor	Poster		Sep-17	N/A	Copenhagen		Self	
3	Egyptian	GEM	Hussein Kamal	N/A	ICOM-CC 18th Triennial Cor	Poster		Sep-17	N/A	Copenhagen		Self	TUA
4	Egyptian	GEM	Noor-eldin Badr	N/A	ICOM-CC 18th Triennial Cor	Poster		Sep-17	N/A	Copenhagen		Self	TUA
5	Egyptian	GEM	Mehdi Abdallah	N/A	ICOM-CC 18th Triennial Cor	Poster	An axial rotation device for documenting King Tutankhamun's decorated stik	Sep-17	N/A	Copenhagen		Self	CP(Geity)
6	Egyptian	GEM	Eisa Eidan, Alime	N/A	SAEMT	Presentation	Identification and selection of wood used in the Khufu second boat	Nov-17	N/A	Cairo		Self	
7	Egyptian	GEM	Nagm Eldin Mora	N/A	SAEMT	Presentation	Arohaometric analysis for the composition of tutankhamun's hassock	Nov-17	N/A	Cairo		Self	
8	Egyptian	GEM	Nour Mohamed, I	N/A	SAEMT	Presentation	Ongoing research on the mortars and adhesives used in the Khufu second bo	Nov-17	N/A	Cairo		Self	
9	Egyptian	GEM	Ahmed Abdellati	N/A	SAEMT	Poster	Mirrors without reflection: Ancient Egyptian mirrors collection	Nov-17	N/A	Cairo		Self	
10	Egyptian	GEM	Nour Mohamed E	N/A	SAEMT	Poster	Wood technology and Marks: Woodworking tools from ptolemaic wooden c	Nov-17	N/A	Cairo		Self	
11	Egyptian	GEM	Abdelaziz Elmarat	N/A	SAEMT	Poster	Unusual Pale Blue Corrosion Product on Miniature Hoos of Tutankhamun	Nov-17	N/A	Cairo		Self	
12	Egyptian	GEM	Eman Mohamed	N/A	SAEMT	Poster	Gilding Technique or stone artifacts in ancient Egypt, case studies	Nov-17	N/A	Cairo		Self	
13	Egyptian	GEM	Hussein Kamal	N/A	IC			Sep-18	N/A	Turin		Self	
14	Egyptian	GEM	Manar Khalal	N/A	IC			Sep-18	N/A	Turin		Self	
15	Egyptian	GEM	Mohamed Moust	N/A	AIC	Presentation	Interdisciplinary and Multi-Technique Study of Previous Conservation, Bind	May-18	N/A	Houston		Other	
16	Egyptian	GEM	Ahmed Abdou	International Journal of Co	N/A	Paper	Investigation of an ancient egyptian polychrome wooden statuette by magin	Mar-18	N/A	Romania		Self	
17	Egyptian	GEM	Medhat Abdallah	SCIENTIFIC CULTURE	N/A	Paper	ANALYTICAL STUDY AND CONSERVATION PROCESSES OF TUTANKH	Jan-18	N/A	Greece		University of	Self
18	Egyptian	GEM	Ahmed Abdou	Conservat Património	N/A	Paper	Preliminary investigation of the materials and techniques used in a decorat	Jan-18	N/A	Finland		Associaçã	Self
19	Egyptian	GEM	Ahmed Abdou	International Journal of Co	N/A	Paper	Tutankhamun's small shinses (naoses): Technology of woodworking and ide	Jan-18	N/A	Romania		Self	
20	Egyptian	GEM	Ahmed Abdou	SCIENTIFIC CULTURE	N/A	Paper	ANALYTICAL STUDY AND CONSERVATION PROCESSES OF SCRIBE E	Sep-17	N/A	Greece		University of	Self
21	Egyptian	GEM	Ahmed Abdou	Conservat Património	N/A	Paper	Scientific investigation by technical photography, OM, ESEM, XRF, XRD anc	May-17	N/A	Finland		Associaçã	Self
22	Egyptian	GEM	Ahmed Abdou	International Journal of Co	N/A	Paper	Investigation, preservation and restoration processes of an ancient egyptian	Dec-18	N/A	Romania		Self	
23	Egyptian	GEM	Ahmed Abdou	International Journal of Co	N/A	Paper	A non-destructive analytical study and the conservation processes of Phara	Jan-18	N/A	Romania		Self	
24	Egyptian	GEM	Ahmed Abdou	International Journal of Co	N/A	Paper	Analytical study and conservation processes of a painted wooden grace- F	Jan-18	N/A	Romania		Self	
25	Egyptian	GEM	Ahmed Abdou	N/A	ICOM-CC	Poster	Analytical and re-conservation studies on some ancient Egyptian wooden ar	Sep-14	N/A	Melbourne		JICA	
26	Japanese	GEM-JC	Yasushi OKADA, Medhat A. Abd el Hamid, N	3rd International Tutankham	Presentation		Preliminary study of manufacture techniques of Tutankhamun ritual bed and	May-17	N/A	Cairo		Self	
27	Japanese	GEM	奥田裕一, 山内雅一	木質考古学	N/A	Article	(職用) 紀元前1300年頃の木製棺蓋の保存技術	Mar-17	N/A	Japan		Self	18年125-131頁
28	Japanese	GEM	Yasushi OKADA, Yasuji KURIMOTO, Motono	ICOM-CC 18th Triennial Cor	Poster		Wood conservation training course at the Grand Egyptian Museum Conserv	Sep-17	N/A	Copenhagen		Self	
29	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	修復と展示環境の両立に向けた木質の魅力を	Nov-17	N/A	Tokyo		Self	
30	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	古王国時代の木製の棺蓋の保存技術	Nov-17	N/A	Tokyo		Self	
31	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	ツタンカーメン王の足跡を保存するー職技継承からの報告	Nov-17	N/A	Tokyo		Self	
32	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	ツタンカーメン王の脚蓋と儀式用ハットの持込と修復	Nov-17	N/A	Tokyo		Self	
33	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	「木製文化遺産保護の現場から」木エジプト博物館保存修復センター	Jan-18	N/A	Tokyo		Self	
34	Egyptian	GEM	Tarek Sajed Taw	N/A	Lectures: Cultural Heritage C	Presentation	GEM: A Cultural Heritage Conservation and Preservation Fortress	Mar-18	N/A	Cairo		Self	
35	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	木エジプト博物館共同保存プロジェクト概要説明	Nov-17	N/A	Tokyo		Self	
36	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	事例報告ー 染虫	Apr-18	N/A	Tokyo		Self	
37	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	事例報告ー モニタリング	Apr-18	N/A	Tokyo		Self	
38	Japanese	GEM-JC	奥田裕一	N/A	木エジプト博物館共同保存	Presentation	事例報告ー 木質の保存技術	Apr-18	N/A	Tokyo		Self	

The project office will collect data about any academic achievement, publication, academic contribution related to the project from participating professionals. The collected data will be analyzed to extract relevant data to report it as a proxy indicator. The data collection method suggested being mainly by directly surveying GEM-CC staff, while also coordinating with GEM-CC management to get relevant data when available. A simple database is created to keep a record of all academic and public contributions of GEM-CC staff. The summary of this data can be summarized to measure the progress of this indicator.

The required data is as per the attached database sample, including (Nationality, Name, Journal, Conference, contribution type, Title, Date, Country, Fund)

the database construction allows for various types of filtering and summarization such as

- Number of participants from GEM-CC in (international/local/both) symposiums
- Number of participants from GEM-CC in (international/local/both) journals
- Number of participants from Japan in (international/local/both) symposiums
- Number of participants from Japan in (international/local/both) journals
- Funding sources of each participation

These summarizations can be visualized in graphs and report it in monitoring sheets.

(Tool_8) List of degree (Master/ Doctor) holders of GEMCC

Names of GEMCC staff

Affiliated labs or sections

Specialization

Kind of Degree

Acquisition date

University name

Title of Thesis or Dissertation.

(Tool_9) Visitors records

The project office keeps regular records of visitors who visit the project and GEM, where the visits facilitated by the project office are recorded in the excel file named “Visitors archive.xlsx” and the data about visitors to GEM and GEM-CC are obtained from GEM’s international relations department.

4. The monitoring System (Feedback to the Management)

Tools	Period	Responsible
(Tool_1) Human Resource Inputs Plan and The monitoring Sheet in Excel	6 months	Project Manager / Project Chief Advisor
(Tool_2) Plan of Operation Monitoring Sheets in Excel	6 months	Project Manager / Project Chief Advisor
(Tool_3) Report submitted by Japanese Experts	Each time of Japanese expert	Japanese Experts
(Tool_4) Interviews with stakeholders by the monitoring team	6 months	Monitoring team
(Tool_5) Publications	From time to time	General Chief Advisor
(Tool_6) Consultation by the monitoring team	6 months	Monitoring team

All findings of the above tools should be integrated into the following main tools of project management as a whole.

(Tool_A) Plan of Operation (JICA format)

This format is found in the sheet named “PO_JICA” in the MS-Excel file “Monitoring with PDM”. This sheet is prepared by the Monitoring team together with the Project Manager and Technical Chief Advisor.

(Tool_B) Project Design Matrix

This format is found in the sheet named “PDM1” in the MS-Excel file “Monitoring with PDM”. This sheet is prepared by the Monitoring team together with the Project Manager and Technical Chief Advisor.

(Tool_C) Project Progress Report (Completion Report)

All the above information is attached to the Project Progress Report which is prepared by the Technical Chief Advisor working with Project Manager with the support of the Monitoring team.

The above main tools will be submitted to members of JCC (Joint Coordinating Committee), which are Director of GEM, JICA Egypt Office, JICA HQ, etc.

The Monitoring system is operated by the Project Manager and the Project Chief Advisor, who are the main owners of the system, and the Monitoring Team (headed by Mr. Miyoshi) support them to implement it. It is important to note that the monitoring system described here is subject to change in the course of the project implementation. This guide is a sub-text under the Workplan of the project officially agreed by both parties. Thus, it requires changing accordingly as the main text changes.

日付	名前	論文名・発表題目等	会議名等・雑誌名・書名等	場所	主催者・発行元等
2017/05/06-08	Yasushi OKADA, Medhat A. Abd el Hamid, Nozomu Kawai, Yasuji Kurimoto, Tomohide Matsushima, Tarek S. Tawfik, Hussein M. Kamal	Preliminary study of manufacture techniques of Tutankhamun ritual bed and Chariot based on X-ray radiography	3rd International Tutankhamun Conference: Human Remains & Furniture	Ministry of Antiquities "Ahmed Pasha Kamal Hall" & Grand Egyptian Museum "Conservation Center Meeting Room"	Grand Egyptian Museum
2017/3/30	原田怜、山内和也 (※内容は前フェーズ中心)	(動向) JICA大エジプト博物館保存修復センタープロジェクト	西アジア考古学第18号125-131頁	—	日本西アジア考古学会
2017/9/17	松田泰典 (※内容は前フェーズ中心)	世界の至宝「古代エジプト遺産」を守り伝える	エジプシャンナイト トークイベント	エジプト大使館 文化・教育・科学局	エジプト大使館 文化・教育・科学局
2017/9/4-8	Yasushi OKADA, Yasuji KURIMOTO, Motonari OHYAMA, Yoshiko SHIMADU (※内容は前フェーズ中心)	Wood conservation training course at the Grand Egyptian Museum Conservation Center by the Japan International Cooperation Agency (2011-2016)	ICOM-CC 18th Triennial Conference in Copenhagen	Tivoli Hotel Conference Center, Copenhagen, Denmark	ICOM-CC (International Council of Museums-committee for conservation)
2017/10/18	西坂朗子	「ようこそGEMCCへ：大エジプト博物館保存修復センターとは？」	在カイロ日本人学校校外学習インテロダクション	大エジプト博物館保存修復センター-Preparation Lab	在カイロ日本人学校、JICA GEM-ICプロジェクトオフィス
2017/11/4	河合望	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	東京藝術大学美術学部中央棟1階第1講義室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2017/11/4	成田朱美	古王国マスタバ墓の壁画の移送と保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	東京藝術大学美術学部中央棟1階第1講義室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2017/11/4	石井美恵	ツタンカーメン王の服飾品を保存する一最前線からの報告	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	東京藝術大学美術学部中央棟1階第1講義室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2017/11/4	岡田靖	ツタンカーメン王の戦車と儀式用ベットの移送とその事前調査	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	東京藝術大学美術学部中央棟1階第1講義室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2017/11/5	河合望	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	国立民族学博物館 2階第5セミナー室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学・国立民族学博物館
2017/11/5	成田朱美	古王国マスタバ墓の壁画の移送と保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	国立民族学博物館 2階第5セミナー室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学・国立民族学博物館
2017/11/5	石井美恵	ツタンカーメン王の服飾品を保存する一最前線からの報告	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	国立民族学博物館 2階第5セミナー室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学・国立民族学博物館
2017/11/5	岡田靖	ツタンカーメン王の戦車と儀式用ベットの移送とその事前調査	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2017	国立民族学博物館 2階第5セミナー室	国際協力機構(JICA)・日本国際協力センター・東京芸術大学・国立民族学博物館
2018/1/15	岡田靖	「木製品文化遺産保護の現場から～大エジプト博物館保存修復センターと日本の地域での活動事例より～」	金沢大学博物館学(担当・河合望)の授業内での特別講義	金沢大学	金沢大学
2018/3/3	Tarek Sayed Tawfik	GEM: A Cultural Heritage Conservation and Preservation Fortress	Lectures: Cultural Heritage Conservation and Preservation	Beit Sennary, Sayed Zeinab, Cairo	Arab Association for Culture and Islamic Arts
2018/3/3	Akiko NISHISAKA	JICA's support for GEM	Lectures: Cultural Heritage Conservation and Preservation	Beit Sennary, Sayed Zeinab, Cairo	Arab Association for Culture and Islamic Arts
2018/4/9	桐野文良	大エジプト博物館合同保存修復プロジェクト概要説明	大エジプト博物館合同保存修復プロジェクト説明会	東京藝術大学美術学部第9講義室	東京藝術大学
2018/4/9	塚田全彦	事例報告：殺虫	大エジプト博物館合同保存修復プロジェクト説明会	東京藝術大学美術学部第9講義室	東京藝術大学
2018/4/9	原田怜	事例報告：モニタリング	大エジプト博物館合同保存修復プロジェクト説明会	東京藝術大学美術学部第9講義室	東京藝術大学
2018/4/9	岡田靖	事例報告：木製品の保存修復	大エジプト博物館合同保存修復プロジェクト説明会	東京藝術大学美術学部第9講義室	東京藝術大学
2018/5/6-8	Eissa ZIDAN,	Documentation, First-Aid, Packing and Transportation of 5 Tutankhamun's Chariot to GEM	4th International Tutankhamun Conference GEM	GEMCC	Ministry of Antiquities and Grand Egyptian Museum
2018/5/1	西坂朗子	大エジプト博物館保存修復プロジェクト	カイロ日本人会会報「パピルス」2018年5・6月号	—	カイロ日本人会
2018/06/16-17	岡田靖、栗本康司、大山幹成、足立取一、松島朝秀、大石岳史、影沢政隆、正田陽児、徳田英昌、西坂朗子	大エジプト博物館合同保存修復プロジェクトにおけるツタンカーメン王の木製品の移送に関する取り組み	文化財保存修復学会第40回大会於高知	高知市文化プラザ	文化財保存修復学会
2018/06/16-17	柴田みな、エマン・ジャラビ・ナガティ、ナグム・エディーン・モルチェド、フセイン・カマル	大エジプト博物館合同保存修復プロジェクトにおける古代エジプト染織品展示のためのマウントに関する研究	文化財保存修復学会第40回大会於高知	高知市文化プラザ	文化財保存修復学会
2018/06/16-17	石井美恵、ナグム・エディーン・モルチェド、エマン・ジャラビ・ナガティ、フセイン・カマル	大エジプト博物館合同保存修復プロジェクトにおけるツタンカーメン染織品の梱包、輸送に関する事例	文化財保存修復学会第40回大会於高知	高知市文化プラザ	文化財保存修復学会

2018/06/16-17	谷口陽子、増田久美子、成田朱美、西坂朗子、フセイン・カマル、サイード・マンズール、ヘルミー・アブド・エル=カウイ、アイーザ・ジダン	大エジプト博物館合同修復プロジェクト 古王国マスタバ出土壁画IniSnefrIshtefの移送と応急処置	文化財保存修復学会第40回大会於高知	高知市文化プラザ	文化財保存修復学会
2018/06/16-17	藤澤明、桐野文良、谷口陽子、西坂朗子、フセイン・カマル	展示状態における壁画資料の電磁波レーダによる状態調査	文化財保存修復学会第40回大会於高知	高知市文化プラザ	文化財保存修復学会
2018年度	日本国際協力センター	プロジェクト支援事業2、JICA技術プロジェクト「大エジプト博物館合同保存修復プロジェクト」	日本国際協力センター年報（2018年度）16頁	—	日本国際協力センター
2018/4/9-7/23	桐野文良、木島隆康他（資料15-2参照）	（資料15-2参照）	「文化遺産国際協力実践論」全15回	東京藝術大学	東京藝術大学
2018/7/1	独立行政法人 国際協力機構	大エジプト博物館プロジェクト、文化と歴史がつなぐ新しい観光の軸	Mundi. The Magazine of the Japan International Cooperation Agency, 特集：観光と開発、No.58、p.12-13	—	独立行政法人 日本国際協力機構
2018/8/22	ダイヤモンド社	いよいよ間近！大エジプト博物館<GEM>	地球の歩き方Plat【ぶらっと】⑨エジプト	—	ダイヤモンド社
2018年10月14日	西坂朗子	GEM-JCプロジェクト紹介	日本語ガイド勉強会	大エジプト博物館保存修復センター	大エジプト博物館保存修復センター
2018/09/10-14	Hussein KAMAL and Manar ELKHAIL	The Role of Preventive Conservation in Designing King Tutankhamun Galleries in the Grand Egyptian Museum". Oral	IIC 2018 Turin Congress	Politecnico di Torino, at the Giovanni Agnelli Auditorium in the Politecnico's university	International Institute for Conservation of Historic and Artistic Works
2018/09/10-14	Manar ElKhaail and Hussein KAMAL	"A New Approach for Detecting the Active Insect Infestation in Museum Objects Using Non-Dispersive Infrared Spectroscopy". Poster	IIC 2018 Turin Congress	Politecnico di Torino, at the Giovanni Agnelli Auditorium in the Politecnico's university	International Institute for Conservation of Historic and Artistic Works
2018/9/22	西坂朗子	エジプトにおけるJICAプロジェクト：大エジプト博物館合同保存修復プロジェクトにおけるエジプト・日本の協力	明治以降の日本の経験から学ぶー明治150周年を迎えてー	カイロ大学文学部中央図書館講堂	カイロ大学文学部日本語研究センター
2018/10/8	荒 仁	エジプトでの文化遺産の有効活用に向けてー大エジプト博物館への国際協力の現場からー	文化遺産国際協力のかたち	日経ホール	文化遺産国際協力コンソーシアム、文化庁
2018/11/3	河合望	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東北大学片平さくらホール	国際協力機構・日本国際協力センター・東京藝術大学・東北大学植物園
2018/11/3	谷口陽子	古王国マスタバ墓の壁画の移送と保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東北大学片平さくらホール	国際協力機構・日本国際協力センター・東京藝術大学・東北大学植物園
2018/11/3	石井恵美	ツタンカーメン王の服飾品を保存するー最前線からの報告2	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東北大学片平さくらホール	国際協力機構・日本国際協力センター・東京藝術大学・東北大学植物園
2018/11/3	岡田靖	ツタンカーメンの戦車と儀式用ベットの移送とその事前調査	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東北大学片平さくらホール	国際協力機構・日本国際協力センター・東京藝術大学・東北大学植物園
2018/11/4	河合望	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東京藝術大学音楽部第6ホール	国際協力機構・日本国際協力センター・東京藝術大学
2018/11/4	谷口陽子	古王国マスタバ墓の壁画の移送と保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東京藝術大学音楽部第6ホール	国際協力機構・日本国際協力センター・東京藝術大学
2018/11/4	石井恵美	ツタンカーメン王の服飾品を保存するー最前線からの報告2	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東京藝術大学音楽部第6ホール	国際協力機構・日本国際協力センター・東京藝術大学
2018/11/4	岡田靖	ツタンカーメンの戦車と儀式用ベットの移送とその事前調査	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2018	東京藝術大学音楽部第6ホール	国際協力機構・日本国際協力センター・東京藝術大学
2018/12/1	西坂朗子	FIELD STORY Dec.2018, Professional Partner「大エジプト博物館」開館向け文化財の保存・修復を支援	国際開発ジャーナル 2018年12月号No.744、*頁	—	日本国際協力機構
2018/12/16	Akiko Nishisaka	Challenges to the climate in preservation of the monuments - Case of the Grand Egyptian Museum Joint Conservation (GEM-JC) Project-	First International Conference on Heritage Preservation entitled: The Impact of Climate Changes on the Monuments and Historic Sites	Marriott Mena House Hotel in Cairo, Egypt	Le Centre Cultral du Patrimoine Arabe, Bordeaux, France (CCDPA, France) in a Distinguished collaboration with the Egyptian Tourism Authority and the High Institute of Tourism, Hotels Management and Monuments Restoration Abou-Kir, Alexandria, Egypt

2019/1/19	Ahmed Abdrabou	The applications of technical imaging to an ancient Egyptian polychrome wooden artifacts	木島隆康退任記念国際シンポジウム	東京藝術大学美術学部中央棟 1階第1講義室	東京藝術大学国師ア文化財修復プロジェクト室、文化財保存修復センター準備室
2019/3/1	荒 仁	エジプトでの文化遺産の有効活用に向けてー大エジプト博物館への国際協力の現場からー	文化遺産国際協力の形ー世界遺産を未来に伝える日本の貢献ー、26-30頁	ー	文化遺産国際協コンソーシアム
2019/3/1	荒 仁 他	パネルディスカッション「日本の国際協力の課題と展望」	文化遺産国際協力の形ー世界遺産を未来に伝える日本の貢献ー、47-57頁	ー	
2019/3/25	日本通運株式会社広報部	エジプトで古代と未来をつなぐ日通の技	日通だより 2019 March No.759	ー	日本通運株式会社広報部
2019/4/8-7/29	桐野文良、岡田靖他(資料15-3参照)		「文化遺産国際協力実践論」全15回	東京藝術大学	東京藝術大学
2019/4/27-5/29	増田久美	ー絵画と漆芸と修復の作品展ー	五月祭り	増田絵画修復工房	伊豆高原 五月祭 実行委員会
2019/5/4	Nozomu Kawai	Reading the Decoration and Iconography of Tutankhamun's State Chariots	The 5th Grand Egyptian Museum International Tutankhamun Conference	Meridien Pyramids Hotel	Grand Egyptian Museum
2019/6/22-23	岡田靖, Gilan M. Sultan, 松島朝秀, Ahmed Abd Rabou, 河合望, Hanan Mostafa Abd El-Aziz, 栗本康司, Mohamed Moustafa Mohamed, 大山幹成, Ahmed Tarek Abd El-Aziz, 足立取一, Somaya Muhammed, Hussein Kamal	X線調査によるツタンカーメン王の戦車とベッドの木組み構造の把握と予防的保存の提案	文化財保存修復学会第41回大会	帝京大学	文化財保存修復学会
2019/6/22-23	谷口 陽子, 増田久美, 成田 朱美, 古賀 路子, 西坂 朗子, マンスール・サイエド, シェハタ・ムスタファ, カマル・フセイン	大エジプト博物館合同修復プロジェクトにおける古王国マスタバ出土壁画Ini-Sneferu-Ishtefの保存修復措置	文化財保存修復学会第41回大会	帝京大学	文化財保存修復学会
2019/6/22-23	成田朱美, アハマド・アブドラボ, 谷口陽子, 増田久美, 古賀路子, 高橋 香里, マンスール・サイエド, シェハタ・ムスタファ, 西坂朗子, フセイン・カマル	大エジプト博物館合同修復プロジェクトにおける古王国マスタバ出土壁画Ini-Sneferu-Ishtefのマルチスペクトルイメージングを用いた調査	文化財保存修復学会第41回大会	帝京大学	文化財保存修復学会
2019/6/22-23	柴田みな, 石井美恵, 横山翠, イマン・ナガティ, ムハンマド・アヤド, ナグム・エル＝ディーン・ハムザ, フセイン・カマル	大エジプト博物館合同修復プロジェクトにおけるツタンカーメンの服飾品の保存と技法分析	文化財保存修復学会第41回大会	帝京大学	文化財保存修復学会
2019/9/1	北松祐香	JICAによる博物館支援事業	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	フセイン・カマル	大エジプト博物館における文化遺産保護のためのエジプト・日本の協力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	河合望・西坂朗子	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	谷口陽子他	古王国時代マスタバ墓のイニ・スネフェル・イシエテフ壁画の科学的調査と修復材料	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	増田久美他	古王国マスタバ出土壁画イニ・スネフェル・イシエテフの移送と保存修復処置	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	石井美恵他	ツタンカーメンの服飾品の材質技法と保存	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	柴田みな他	ツタンカーメンの服飾品展示用マウントのデザイン	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	栗本康司他	ツタンカーメンの戦車と儀式用ベットの科学的調査ーX線から分かる構造と曲げ木ー	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	大山幹成他	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/1	宮代栄一、フセイン・カマル、黒河内宏昌、松永久、池内明日香、中村三樹男	パネルディスカッション「大エジプト博物館と日本の協力の未来像：JICAプロジェクト間の連携」	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	TKP京都四条烏丸カンファレンスセンター ホール2A	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/9/2	Nozomu Kawai, Y.Okada, T.Oishi, M.Kagesawa, A.Nishisaka, H.M.Kamal, T.S.Tawfik	A Virtual Reconstruction of the Ceremonial Canopied Chariot of Tutankhamun	ICOM KYOTO, CIPEG Annual Meeting "The future of Traditions: Paving the way for Egyptian Collections Tomorrow"	京都国際会館	ICOM
2019/9/2-4	大エジプト博物館合同保存修復プロジェクト	プロジェクト概要	第25回ICOM(国際博物館会議)京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/9/2-4	岡田靖他	大エジプト博物館合同保存修復プロジェクトにおけるX線調査によるツタンカーメン王の戦車とベッドの木組み構造の把握と予防的保存の提案	第25回ICOM(国際博物館会議)京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM

2019/9/2-4	Yasushi Okada et al.	Explanation of deterioration aspects, based on wood science and X-ray radiography, for the Chariots and Couches of King Tutankhamun	第25回ICOM(国際博物館会議) 京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/9/2-4	石井美恵他	大エジプト博物館合同保存修復プロジェクトにおけるツタンカーメンの服飾品の保存と技法分析	第25回ICOM(国際博物館会議) 京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/9/2-4	Mie Ishii et al.	Tutankhamun's Loincloth Revealed A Scientific Investigation and Conservation Decision	第25回ICOM(国際博物館会議) 京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/9/2-4	Yoko Taniguchi et al.	Conservation of wall paintings from the tomb of Ini-Sneferu-Ishtef, Old Kingdom, in the Joint-Conservation project for the Grand Egyptian Museum Conservation Center	第25回ICOM(国際博物館会議) 京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/9/2-4	谷口陽子他	大エジプト博物館合同修復プロジェクトにおける古王国マスタバ出土壁画Ini-Sneferu-Ishtefの保存修復措置	第25回ICOM(国際博物館会議) 京都大会2019 ミュージアム・フェア	京都国際会館アネックスホールA33	ICOM
2019/10/20	北松祐香	JICAによる博物館支援事業	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	日経カンファレンスルーム(大手町日経ビル3階)	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/10/20	河合望	対象とする古代エジプトの至宝の魅力	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	日経カンファレンスルーム(大手町日経ビル3階)	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/10/20	谷口陽子	古王国マスタバ墓の壁画の保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	日経カンファレンスルーム(大手町日経ビル3階)	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/10/20	石井美恵	ツタンカーメン王の服飾品の保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	日経カンファレンスルーム(大手町日経ビル3階)	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
2019/10/20	岡田靖	ツタンカーメン王の戦車と儀式用ペットの保存修復	大エジプト博物館合同保存修復プロジェクト シンポジウム「ファラオの至宝をまもる」2019	日経カンファレンスルーム(大手町日経ビル3階)	国際協力機構(JICA)・日本国際協力センター・東京芸術大学
under publication	H.Kamal, Y.Okada, M.A.Abdel Hamid, N.Kawai, Y.Krimoto, T.Matsushita, T.S.Tawfik	A Preliminary Study of the Manufacturing Techniques of the Tutankhamun Ritual Couches and Chariots based on X-ray Radiography	Proceedings of 4th international Tutankhamun Conference GEM	GEMCC	Ministry of Antiquities and Grand Egyptian Museum
2019/6/20-21	Nagm eldeen Morshed, Islam Shaheen, Mie Ishii	Tutankhamun's Loincloth Revealed: A Scientific Investigation and Conservation Decision	ICOM-CC Textiles Working Group Interim Meeting 2019; A Challenging Dimension: The Conservation and Research of Costume and Accessories	Abegg-Stiftung in Riggisberg, Switzerland	ICOM-CC Textiles Working Group
2019年度	日本国際協力センター	プロジェクト支援事業2. JICA技術プロジェクト「大エジプト博物館合同保存修復プロジェクト」	日本国際協力センター年報(2019年度) 16頁	—	日本国際協力センター
2019/9/30	Eissa Zidan and Akiko Nishisaka	Safe Journey of Complicated and Heavy Artifacts to the Grand Egyptian Museum	Expert Panel: The Mechanics of Moving Monumental Ancient Objects	Tahris Cultural Center, American University of Cairo	Co-organized by the American University of Cairo and American Research Center in Egypt
2019/11/23	河合望、岡田靖、松島朝秀、栗本康司、大山幹成、大石岳史、影沢政孝、Gilan Mahmoud, Ahmed A b d rabou,Hanan Mostafa, Mohamed Mostafa, Ahmed Tarek,Somaya Mohamed, Hussein Kamal	ツタンカーメン王墓出土の「第2の国王のチャリオット」の復元について(ポスター発表)	日本オリエント学会第61回大会	明治大学駿河台キャンパス	日本オリエント学会
2019/12/23	西坂朗子	Grand Egyptian Museum Joint Conservation Project	6th International Workshop for Enhancement of Egypt-Japan Joint Research Project of Egypt. Archaeology, Heritage Sciences, Community and Water Management	NARSS Conference Hall	JSPS主催、Waseda Univ. NARSS, JICA, Sophia Univ.共催
2020/1/18	西坂朗子	「大エジプト博物館合同保存修復プロジェクトにおける保存事業の実践」	イスラーム世界における文化の保存	早稲田大学26号館地下多目的講義室	東日本国際大学イスラーム研究会
2020/1/31	西坂朗子	「大エジプト博物館合同保存修復プロジェクトについて」	自由民主党、文化立国調査会	自由民主党本部706号会議室	
2020/3/5	K.Takahashi, A.Abdrabou, A.Nishisaka, Y.Taniguchi, H.Kamal	The use of colour blue in the Old Kingdom Mastaba of Ini-Sneferu-Ishtef	The colour blue in ancien egypt. Interdisciplinary workshop 3rd-4th of March 2020	Copenhagen university	