



M&M8 2016

Japanese Proposal

First M&M in Asia, in Island Arc, and in Rural City

14年9月5日金曜日

Good afternoon, everybody.

I am Hiroshi Miyajima, vice-director at Fossa Magna Museum, Itoigawa, Japan.

Thank you very much for giving me an opportunity to speak to you today. ■

I would like to tell you about the Japanese unique proposal for the next M&M.

The term of "Rural City" is important key-word in this Japanese proposal.

Contents

1. Outline of the proposed M&M8 in Itoigawa
2. Why Japan proposes holding the M&M8 in a rural city?
3. The demerits and merits of holding M&M8 in such a rural city

14年9月5日金曜日

This slide summarizes the contents of my presentation.

I have divided my presentation into three parts.

Part 1

Outline of the proposed M&M8 in Itoigawa



Outline of the proposed M&M8 in Itoigawa



Why would Japan proposes holding the M&M8 in a rural ciy?

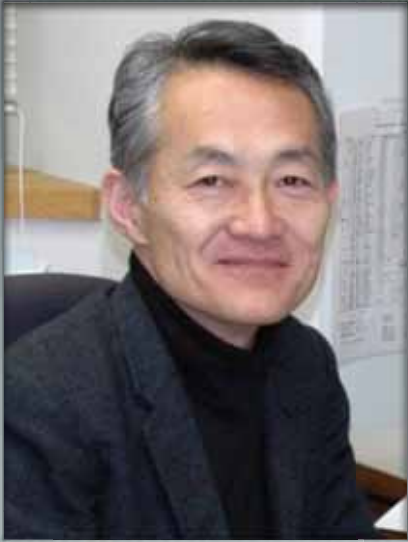


The demrits and merits of holding M&M8 in such a rural city

14年9月5日金曜日

First, I will describe about outline of the Japanese proposal.

Supporters of M&M8

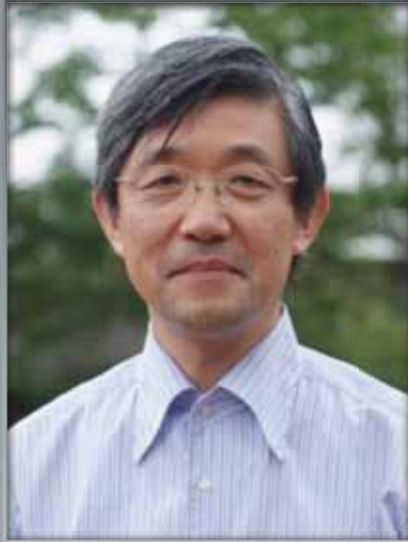


T. Murakami

The Japan Association of
Mineralogical Sciences

Takashi Murakami

University of Tokyo



Eiji Ohtani

The Science Council of
Japan

Eiji Ohtani

Tohoku University



糸川市長 米田 徹

Mayor of Itoigawa City

Toru Yoneda

14年9月5日金曜日

The M&M8 in Japan can receive support of
the Japan Association of Mineralogical Sciences,
the Science Council of Japan,
Itoigawa City government and Niigata Prefectural government.

Itoigawa

Outline of the proposed M&M8 in Itoigawa

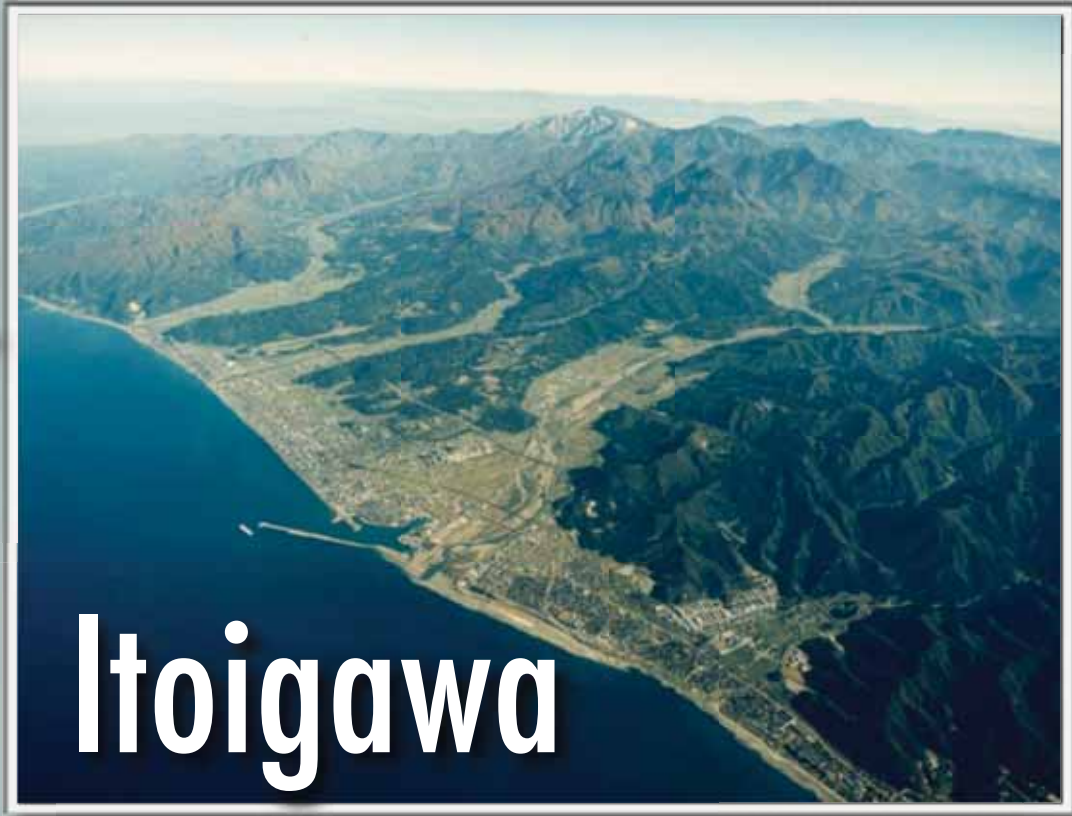


14年9月5日金曜日

Itoigawa is located here, about 220km northwest of Tokyo. It takes about 4 hours via Shinkansen express train to travel from Narita International Airport to Itoigawa.

Venue for M&M8

糸魚川



Itoigawa

イトイガワ

いといがわ

14年9月5日金曜日

Itoigawa is a rural city facing the Sea of Japan and very mountainous.

Venue for M&M8

Outline of the proposed M&M8 in Itoigawa

Date: Late August, 2016



Fossa Magna Museum
established in 1994

14年9月5日金曜日

We would like to hold the M&M8 in Fossa Magna Museum.
A complete renewal of the exhibition room will be finished in the next spring.
And then an additional conference room will also available.

Scientific sessions

Museums and Research

Museum and Society

Science on Jade

Museums and History

Museums and
Collection Management

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We are planed these five sessions.
Science on jade is unique session.

Special Exhibitions

New Minerals from Japan



Henmilite

Famous Minerals from Japan



Stibnite

14年9月5日金曜日

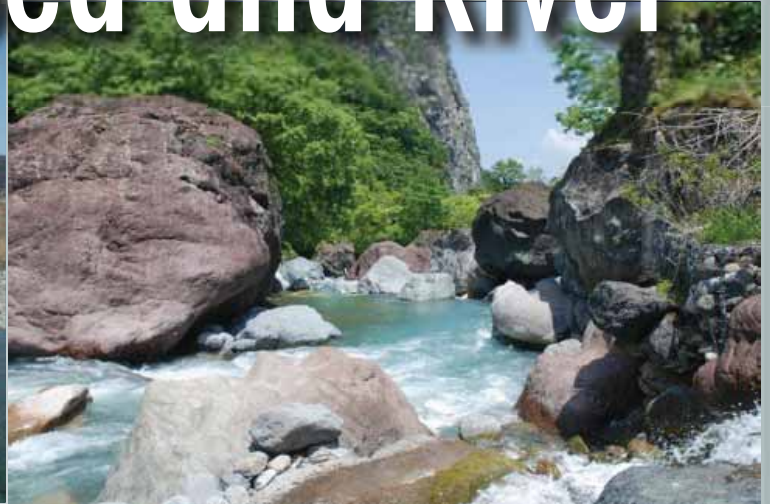
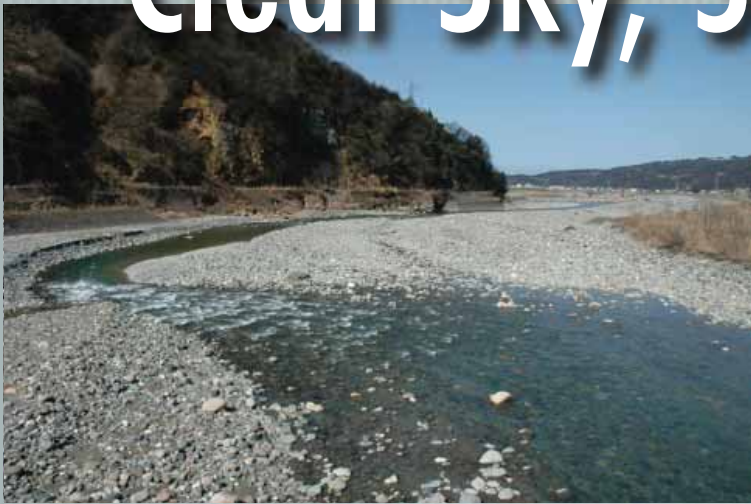
And, We are planed two special exhibitions in Fossa Manga Museum

Outline of the proposed M&M8 in Itoigawa

Field Trips

You can enjoy!

Clear Sky, Sea and River



14年9月5日金曜日

Next, I would like to talk about field trips. You can see very clear sky, sea, and rivers in Itoigawa.

Outline of the proposed M&M8 in Itoigawa

Field Trips You can enjoy! Beautiful Mountains and Hotsprings



14年9月5日金曜日

And you can see many beautiful mountains.

Itoigawa also has many hot springs.

The hotel nearest to the venue also has a natural hot spring bath.

Outline of the proposed M&M8 in Itoigawa

Field Trips

You can enjoy!

Relation between human and nature



14年9月5日金曜日

And you can see relation between human and nature.

Tsutsuishi station is famous for having its platforms inside a tunnel to avoid a landslide along

seashore.

Outline of the proposed M&M8 in Itoigawa

Field Trips

You can get minerals!



14年9月5日金曜日

Of course, you can get some minerals in the various locations.

Poximity to the Field



14年9月5日金曜日

You can collect some minerals in the river bed behind the hotel nearest to the venue.

Cooperative Museums

There are some mineralogical museums in Japan.

These museums will cooperate your field trip and observation.



14年9月5日金曜日

There are some mineralogical museums in Japan.

These museums will assist the field trip and observation.

Part 2

Why would Japan Proposes Holding the M&M8 in a Rural City?

- Outline of the proposed M&M8 in Itoigawa
- ★ Why would Japan proposes holding the M&M8 in a rural city?
- The demrits and merits of holding M&M8 in such a rural city

14年9月5日金曜日

Next, I will explain why Japan proposes holding the M&M8 in a rural city.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Population of venues of the M&M

8171



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As you may know, previous M&M have been held in capital cities or big cities.

Since the M&M is a relaxed and small-scale conference, the accommodation requirements

for participants are low. So we believe that it would be feasible to hold the next M&M in a

rural city.

And we believe that there are many merits to a rural city.

I would like to discuss these merits at the end.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Located on the Plate Boundary

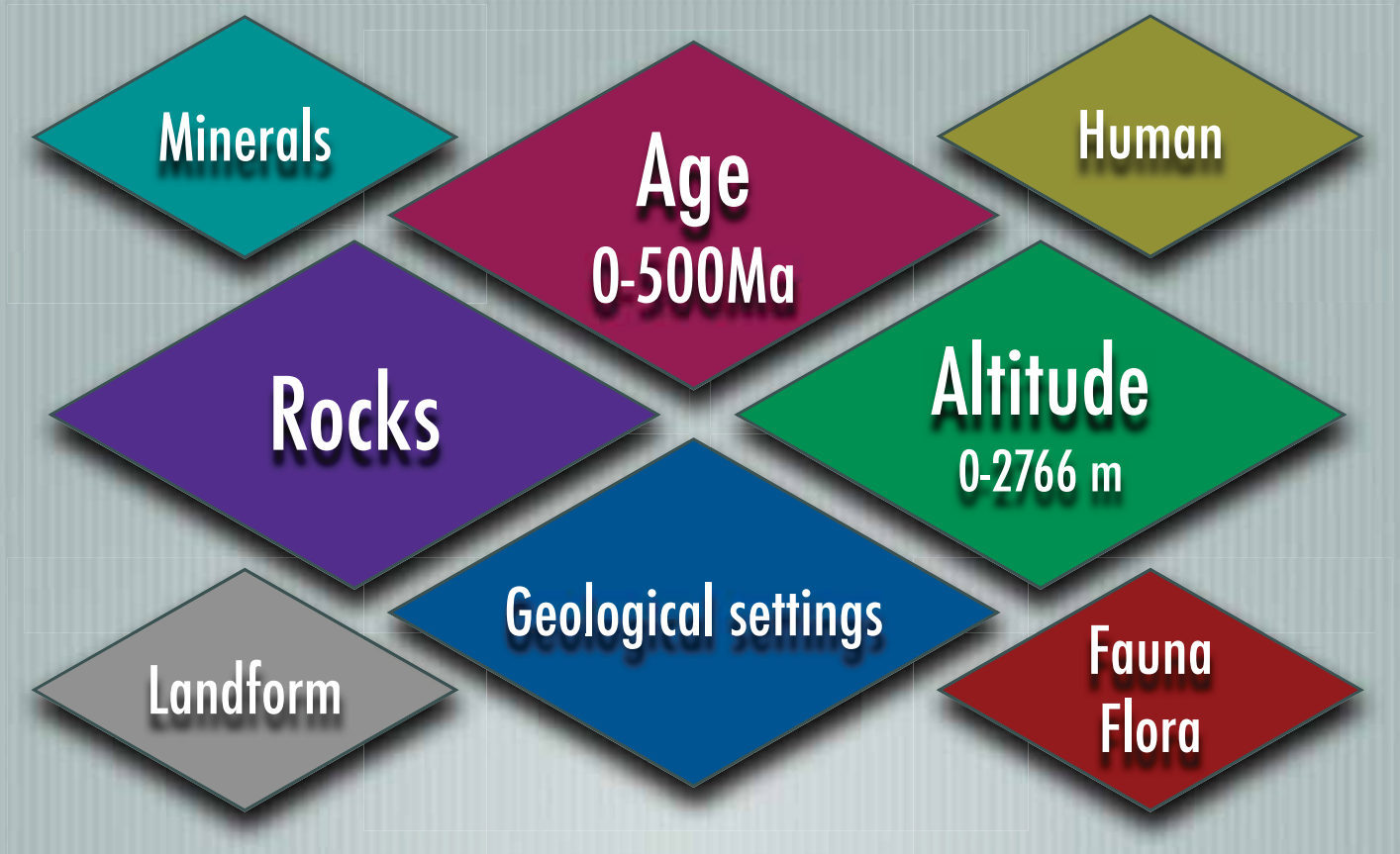


14年9月5日金曜日

Itoigawa is located on the boundary between the North American plate and Eurasian plate.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Geo-Diversity



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Thus, Itoigawa has extraordinarily “Geo-Diversity”.

Why would Japan Proposes Holding the M&M8 in a Rural City?

First Global Geopark in Japan

Geoparks were created for the purpose of locating regions with superior geological, natural, and cultural heritage. Geoparks work to protect these heritages and to share them with people from all over the world.



14年9月5日金曜日

Itoigawa is the first Global Geopark in Japan.

Geoparks were created for the purpose of locating regions with superior geological, natural, and cultural heritage.

Itoigawa received recognition from the Global Geoparks Network in 2009.

I am also a staff in the Itoigawa Geopark Promotion Office.

There is one American staff in the office.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Jade in the Station



14年9月5日金曜日

You may notice the comma-shaped bead in the ticket gate of Itoigawa Station. This bead is composed of jadeite. ■

In Itoigawa, jade decoration is placed in front of the station. Such a thing is globally rare.

Surprisingly, the jade has not been stolen since it was installed 26 years before. ■ Itoigawa is a very safe city.

It is safe even if you walk alone at midnight. Even if you drop your wallet, someone will send it to the police. However, please do not drop your wallet on purpose.

Why would Japan Proposes Holding the M&M8 in a Rural City?

What's "Omotenashi"



14年9月5日金曜日

These photographs are of victims of the 2011 Tōhoku Earthquake standing orderly in line.

Why would Japan Proposes Holding the M&M8 in a Rural City?

What's "Omotenashi"



14年9月5日金曜日

Why are the passengers pushing the train?

Their purpose is coming to a woman's rescue.

She has become trapped between the train and the platform. ■

There was a similar incident in Perth, the capital of Western Australia, this year.

Why would Japan Proposes Holding the M&M8 in a Rural City?

What's "Omotenashi"



14年9月5日金曜日

This photograph is after the game of the 2014 FIFA World Cup.
The Japanese spectators are collecting garbage after the game.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Japanese Calmness, Politeness, and Mutual Aid



Omotenashi

おもてなし

14年9月5日金曜日

These photographs have been introduced overseas as examples Japanese calmness,

politeness, and mutual aid.

As you may know, people in the countryside are very warm-hearted. ■

You will be warmly welcomed with “omotenashi” in Itoigawa.

Why would Japan Proposes Holding the M&M8 in a Rural City?

“Omotenashi” is A Spirit of Selfless Hospitality



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14年9月5日金曜日

“Omotenashi” is a Japanese term which means a spirit of selfless hospitality.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Jade City



14年9月5日金曜日

Earlier, I spoke about the jade in Itoigawa station.

Why is there jade at the Itoigawa station?

It is because Itoigawa is the most famous jade locality in Japan. ■

You can see giant jadeite boulders in the rivers. ■

You can also see many jade collectors along the sea shores.

Why would Japan Proposes Holding the M&M8 in a Rural City?

History of Jade



14年9月5日金曜日

This is a hammer stone of jade. The use of the jade of Itoigawa began 7000 years ago.

This is the oldest jade culture in the world. ■

The use of ornamental jade began 5500 years ago. This is among the world's oldest cases

of jade used for jewelry.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Mineralogy of Jade

First research in 1939



Yoshinori Kawano
1904-1999



Keiichi Ohmori
1910-1994

14年9月5日金曜日

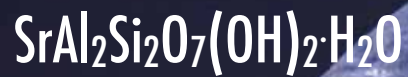
The first research into Itoigawa's jade was done in 1939.

Jade occurs as tectonic blocks in a serpentinite mélangé with albitite, rodingite, and crystalline schist. Six species of new minerals were found in these tectonic blocks. Itoigawaite is the Sr-analogue of lowsonite found in jade. It was named after the city.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Mineralogy of Jade

Itoigawaite



14年9月5日金曜日

Six species of new minerals were found in Itoigawa.

Itoigawaite is very beautiful mineral, the Sr-analogue of lawsonite found in jade.

Why would Japan Proposes Holding the M&M8 in a Rural City?

Itoigawa is Special Mineral City with Fine Nature, Culture and “Omotenashi”



14年9月5日金曜日

In summery, Itoigawa is special mineral city with fine nature, culture, and Omotenashi.

Part 3

The Demerits and Merits of Holding M&M8 in a Rural City

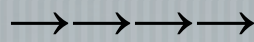
- Outline of the proposed M&M8 in Itoigawa
- Why would Japan proposes holding the M&M8 in a rural city?
- ★ The demrits and merits of holding M&M8 in such a rural city

14年9月5日金曜日

Finally, I will explain the demerits and merits of holding M&M8 in a rural city.

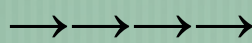
Demerits of Holding of M&M8 in a Rural City

Less energy and excitement



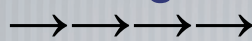
Slow and natural life

Less sense on luxuriousness



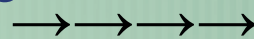
Countryside simplicity

Fewer options with regard to food and drink



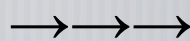
Focus on local cuisine

No souvenir of brand-name goods



“Mottainai”

Slightly far from Narita International Airport



Pleasure of a trip

14年9月5日金曜日

These demerits can be considered.

However, changing a view, these demerits will also turn into merits. ■

For example, the demerit of slightly far from Narita International Airport changes to the

pleasure of a trip.

a sense of regret concerning waste

Merits of Holding of M&M8 in a Rural City



Warm reception “Omotenashi”

Safety and quietness

Abundant nature and clear environment

Proximity to the field

Simple souvenirs

Fresh fish and crab, fine local Japanese sake

Influence on local people and city

14年9月5日金曜日

On the other hand, there are also many merits.

The influence on local people and city is very important.

Conclusion

First M&M in Asia, in Island Arc, and in Rural City

Although Itoigawa is a rural city, it has close relation to minerals, fine nature and culture.

You can receive the warm reception called "Omotenashi" unique to Japan.

And you will surely give local people a big pride and confidence.

14年9月5日金曜日

In conclusion, I would like to summarize the points of my presentation. ■

Although Itoigawa is a rural city, it has close relation to minerals, fine nature and culture. ■

You can receive the warm reception called "Omotenashi" unique to Japan. ■

And you will surely give local people a big pride and confidence.

Meet again in Itoigawa.

Thank you very much for your attention.

Thank you very much for your attention.

14年9月5日金曜日

Thank you very much for your attention.