



## Dance Creation on Global Warming

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### Abstract

The purpose of this research is to create a contemporary artistic performance by presenting the cause and effect of global warming. The study aims to stimulate consciousness to the public to realize the adverse effect of global warming. The participants for this study are students from secondary and tertiary education because they play an important role in the future development of nations.

The study presents the cause and effect by using the transfer method of Dance Creation. The causes of global warming are seen to be the product of car engine emission and forest burning. Such activities massive air pollution which changes into greenhouse gas causing greenhouse effect. Consequently, the ecosystem and the climate have changed. Rain has turned to an acid rain and humans scramble for air, food, and swim in the toxic water. The ecosystem is completely destroyed, as well as human civilization. Such cause and effect of global warming are acted through dance for about 45-80 minutes are performed by actors in a Thai contemporary dance integrated with other dance styles. The main focus of the performance is on the rhythm and melody which are used to control the dancing movements. The various dance styles and movements are explicitly and implicitly portrayed. The performers freely express their emotion and feeling through their faces and dancing movements to arouse the audience about the impact of global warming. This artistic performance is a sample of a creative performance to create social consciousness which is an alternative method to cultivate a social consciousness to people.

**Keywords :** Artistic performance, Global warming, Social consciousness

### Introduction

Global Warming now is a world problem and it is observed that the green house effect increases everyday. This problem is caused by burning trees, chemicals that participate that destroy the atmosphere. Such activities may

result to global warming condition. The impact of global warming is disastrous to the world. It greatly affects the earth's weather condition which results to the occurrence of many natural disasters like flooding, typhoons, hurricane, drought, earthquake, etc.

To minimize the problem caused by the global warming, it is essential that people must be aware how it should be prevented. Such awareness can be made through different media of information. It can be through written works, public campaign and through arts. It is therefore the focus of this paper to create a dance that will reflect the global warming in order to make the audience aware of its cause and effect to the world and humanity.

### **Aims**

1. To create a Thai dramatic art presenting the cause and effect of global warming
2. To augment audience' consciousness about the effect of the global warming
3. To create an artistic performance for global warming awareness campaign

### **The Importance of Research**

1. The performance of Thai dramatic arts is a tool to create the awareness in human society.
2. The performance of Thai dramatic arts presents cause and effect of the global warming phenomena which will urge audience to be aware of the effect of global warming.

### **Scope of Research**

A group of 200 students in high schools and universities aged between 15-20 years old.

#### **Research Definition**

The global warming reduction Thai dramatic arts means a group of dramatic arts performance which is created from the inspiration of global warming that causes problems in human societies. The details of this performance present the cause and effect of global warming phenomena, to create awareness of global warming to children, youth and people.

### **Research Process and Data Collection**

The research process and data collection are as follows:

1. Data gathering. Interview involved people about the cause and effect of global warming.
2. Analyze all collected data.
3. Create a dance style, concept and performance procedure
4. Consult and present the thesis to the adviser.
5. Decide a role, duty and provide responsible man in every position in the performance.
6. Specify the actors' qualification. Present and select the actor. Group the professional actors and volunteer actors.
7. Provide a small group seminar for actors and working groups, in a topic of global warming; critical of ecology and disaster in human kind. In order to make workers and actors understand in the same way.
8. Teach actors how to perform.
9. Design all elements that involved such as music, backdrop, light, cloth, etc.
10. Practice the performance on real stage.
11. Final rehearsal the performance with real backdrop and all elements.
12. Provide an academic exhibition, present academic documents and show the global warming reduction Thai dramatic arts performance.
13. Evaluate the performance

### **Research Tools**

1. A set of question that can evaluate the understanding of audience
2. All elements in the performance such as backdrop, light, clothe, tools and movement of actors, etc.

3. Provide a seminar in a pint of relative knowledge.
4. A set of open question to interview the audience for more information.
5. Learning aid/ books/ textbooks and other media that involved with global warming topic.
6. Camera, video camera, and voice recorder.

### Data Analysis

In this thesis, researcher analyzes the received data and find causes and effect of global warming, and also finds a way to solve the problem caused by global warming phenomena. In order to plan the creative performance and design the performance's element which have to relate with the topic. The researcher arranges and designs a global warming reduction Thai dramatic arts then analyze the result.

### Conclusion

Because this thesis is in a process of creation, thus the conclusion is not completed. Therefore the researcher will present overall operations that were done and the operations that still in a precess.

1. The evaluation of basic understanding in a topic of "Global Warming". Before produce this thesis, the researcher interview people who involved in this thesis about basic understanding in global warming phenomena. Preliminary summary show 80% of population group understand the global warming caused by destroy forest, 20% understand that global warming caused by other, such as not turn off the light, use gasoline, use plastic bag, use cars, etc. according to this result, it can be seen that most population think that

destroy the forest cause the global warming. In fact, the global warming is cause by the human need of limited and/or unlimited resources which destroy nature more and more. The researcher use the primary evaluated data to create the purpose of this these, that is to say, the global warming is not caused by destroy the forest but it actually caused by human's used behavior.

2. **The performance creation** currently, the researcher is planning how to create the show in 3 main parts that is dance invention, surrounding music, backdrop and show stage. The short description as below.

**Dance creation** in this process the researcher mix Thai dance and western dance (ballet) together by holding on the emotion and let it follow the steps and plot.

**Surrounding music** In this part, the research use the sound that normally happen around human society, for example, sound from car, machine and fire burning, etc. In a process of producing sound, the researcher invent a noise tool which made from PVC tubes in many size and stretch leather sheet on PVC tubes therefore when actors hit or blow on the sound tool (PVE tube with leather), the sound is produced. The different kind of sound is from different size of tubes, such as a sound of drum, train whistle

**Backdrop and stage's elements** In this part, the researcher plan to create backdrop and stage's element by using the idea of "worth-whileness" which can be said that one thing can be used more than one time. For example, a plastic bag that was used to carry stuff in a first scene but in a next scene, the same plastic bag is made to be a cloud or water current in a stage background.

## Discussions

### 1. Research Inspiration

Global warming is a big issue of the world today, and it causes from an increasing green house effect. The green house effect is water vaporizing in the earth atmosphere by which absorption and emission of infrared radiant by gases in the atmosphere. As a result, the average temperature of Earth increases. The global warming affects ecological system such as climate change, melting of arctic ice, sea level increase, increasing natural disaster, spread of diseases, phenomena of change in coral's colour, and sudden severe thunderstorms.

One of the major factors of global warming is "human activities", which increases the amount of greenhouse gases in the atmosphere. If humans reduced the activities caused the global warming, and learnt how to live adequately and sufficiently; learnt how to live together, gave mercy to all people around, the problem of global warming would not happen. Humans create a new invention for convening themselves, and destroy surrounding natures and natural resources. The responsibility for the problem is not only for a group of people, but for everyone. We, all, have to seek for a solution and make it done together.

The researcher is inspired to create a set of Thai artistic performance telling story of cause and effect of the global warming. The performance aims to urge people of every generation's awareness to realize about impacts of the global warming, and to find a way of protection and solving the problem.

### 2. Concept

The 'Global warming' artistic performance will present cause and effect of the global warming crisis through Thai contemporary dance under the concept of 'Ecological Crisis and the Catastrophe of Human Races'. The perfor-

mance will begin to draw the attention of the audience with the story of air pollution causing from car engine emissions; and from human behavior deliberately setting forests and wasted on fire. The growing air pollution changes to greenhouse gas causing greenhouse effect resulting in climate change, acid rain, and massive destruction of earth. People grab for air and food, and swim in the toxic water for surviving from the global flood. The ecosystem and human civilization are completely extinguished by the humans' wisdomless.

### 3. The Performance Style

The Global warming artistic performance combine Thai contemporary dance with other dance styles to show emotion and feeling through different dancing movements. With different musical instruments, and different movements, the performance represents all humans whose activities contributing to the global warming.

### 4. Interpretation

The researcher designs to present the factors of the global warming resulting from human activities. The performance is choreographed in combination of Eastern and Western dances which are Thai classical dance, Indian classical dance, J-pop, K-pop and ballet, and focuses on the conciseness and communication between the performers and the audience about the impact of the global warming to the change in ecosystem, and to the human's lives. The show will take approximately 45 – 60 minutes and is divided into 3 parts, which are:

#### *Part I : Human*

Humans unlimitedly create and invent facilities for comforting themselves, and live insufficiently and selfishly.

#### *Part II : Wisdomless*

Human lives in the nature without realizing its value, and also exploits the natural

resources. The result of the exploitation returns to damage human beings.

### ***Part III : Catastrophe***

Nature is destroyed. Ecosystem has overwhelmingly changed. Phenomenon of acid rain and other natural disasters occur to destroy the earth. The world is in chaos. People battle for water, food, and air to survive, and they are all in the flood of toxic and pollution.

#### **5. Music, Sound, and Soundtrack**

Music, sound, and soundtrack are influent factors in artistic performances. Because, the global warming performance is designed and choreographed to have varieties of dance styles to show the varieties of human races causing the global warming problem, the music in the show is composed to show various emotions. Vocal lyric and music from wide ranges of musical instruments are used to stimulate the different emotions of the audience. For example, drumming vibrates the excitement, and pray and ring sound tranquil the audience.

#### **6. Make-up and Costume**

Costume is one of the factors helping the performance attractive. A good costume design helps the audience understand the feeling and emotion of the characters better. In the performance 'Global warming', the researcher designs the costume in 2 types: a costume for characters in imagination world, and a costume for characters in real world:

First, the characters in imagination are created from the researcher's study and imagination. These characters represent flowers, trees, weeds, and pollution (smoke and ice) etc. Their designs and make-up are based on symbolism which presents both denotation and connotation.

Second, the characters in the real world are humans in different characteristics which are man, woman, farmer, labour, business-

man, and officer etc. The researcher assumes that these characters are received both direct and indirect effects from the global warming. The characters are dresses and made-up as ordinary people in the society.

#### **7. Stage, Screen, and Prop**

2-3 main screens are designed by the researcher. Other screens will use multimedia technology to create details and special effect for communicating with the audience.

#### **8. Special technique**

The researcher intends to use most of the materials from recycle.

#### **9. The main focus of the performance**

The main focus of the performance is on the dances which integrate between Thai classical dance and other international dances. Dance movements are various and meaningful. The movement of the performers explicit and implicit the meaning and story of the performance. The performers freely express their emotion and feeling through their faces and movements to arouse the audience about the impact of global warming.

### **Recommendations**

1. A performance has to have a good cooperation between cast and crew. Everyone has to listen to each other and has to have a good self-control and responsibility.

2. Practice is an important thing in making a performance because it makes actors act accurately in all details, minimize mistakes of the performers and in the overall performance. In additional, the performance which use special elements and technique has to practice the dance with the tools and technique on the real stage in order to reduce errors and make the show perfect.

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