

The 2nd Symposium on Zoos and Aquariums in Asia

Animal Welfare Approaches of ZPO

September 29, 2019,
Tokyo Metropolitan Art Museum, Auditorium

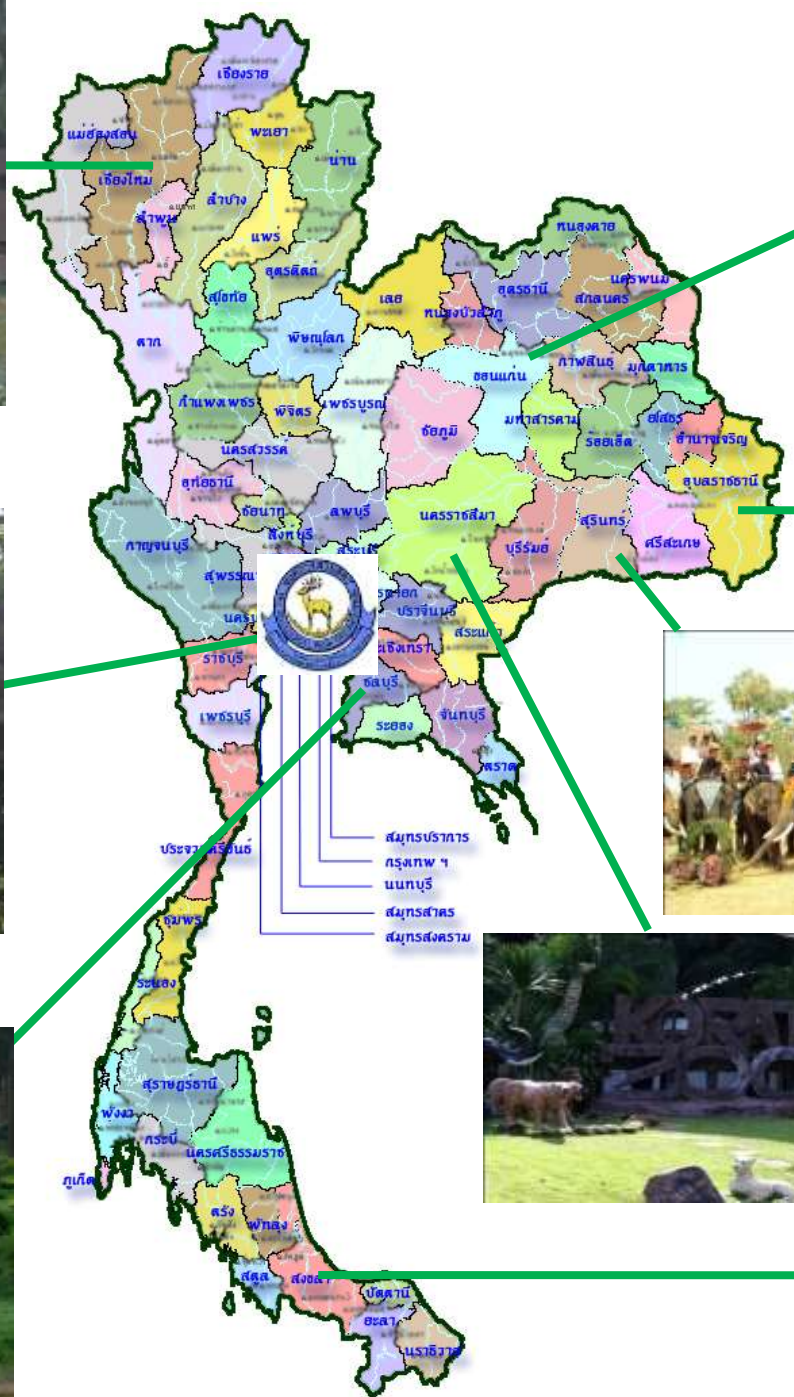


WAZA

World Association
of Zoos and Aquariums



Animal Welfare in The Zoological Park Organization



Zoo animal welfare in Thailand were evaluated by the Ethics and Welfare Committee of SEAZA in 2000 and 2005



3 Zoos were evaluated in
September 2000

- Dusit Zoo
- Khao Kheow Open Zoo
- Nakhon Ratchasima Zoo

2 Zoos were evaluated in
January 2005

- Chiang Mai Zoo
- Songkhla Zoo
- And re-evaluated Dusit Zoo

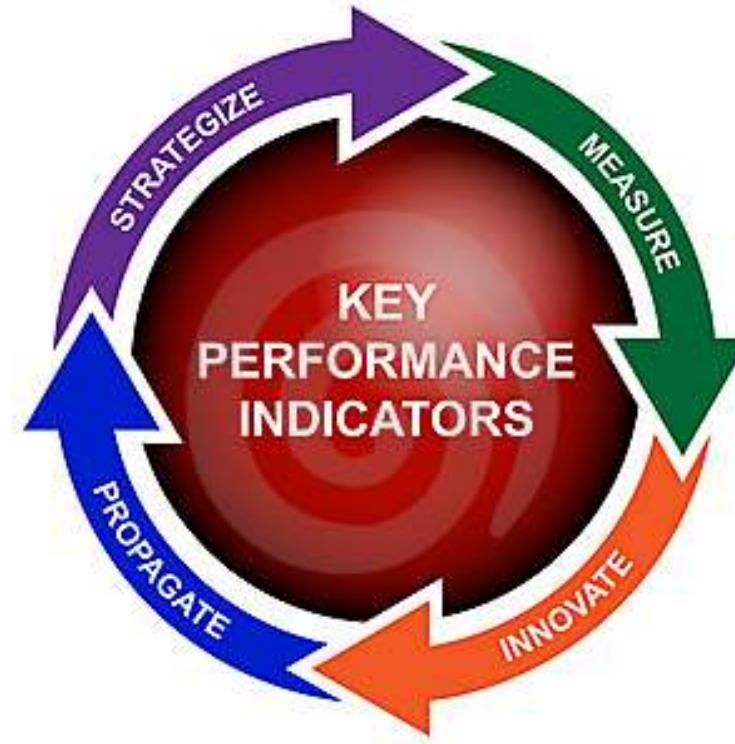




Since 2005,
the animal
welfare and
behavioral
enrichment



ZPO's KPI



ZPO appointed the committee of Animal Welfare which consisted of :

- Bureau of Conservation, Research and Education (BCRE) staff : Director, Veterinarians, Researcher and Zoo Biologist
- Zoo staff : Curators, Veterinarians, Zoo Biologist
- Zoo Keeper



The committee also invited the lecturers from the Faculty of Veterinary Medicine to be an additional committee.



Animal Welfare Committee

- The committee has been assessing the animal of each zoo twice a year
- Applied the SEAZA Ethics and Welfare Evaluation Form as a tool and guideline for ZPO ethics and welfare evaluation.



The evaluation form has 7 categories :

1. Freedom from hunger and thirst.
2. Freedom from thermal and physical discomfort.
3. Freedom from pain, disease and injury.
4. Freedom to express normal behavior.
5. Freedom from fear and distress.
6. General management.
7. Conservation programs, finance, and responsibility.



Process of Animal Welfare Assessment

- Open meeting before the assessment
- Animal Behavioral Enrichment Report
- Animal Welfare Assessment (zoo round)
- Discussion, knowledge sharing and recommendation
- Close meeting
- Animal Welfare Assessment Report



Open meeting



Animal Behavioral Enrichment Report



Animal Welfare Assessment (zoo round)



Discussion, knowledge sharing and recommendation





Each zoo has there own enrichment contest.



Progress on the definition of welfare evaluation criteria require by WAZA

- WAZA
- SEAZA adopted WAZA Welfare standard
- ZPO adopted SEAZA Welfare standard



Zoological park organization of Thailand

- WAZA changed Welfare topic from 5 Freedom to 5 Domain
- 2017 invite Wild Welfare for training welfare auditor , In house training keeper
- Change assessment form to 5 Domains



2017 invite Wild welfare
for auditor training
New audit check list
5 Domain

Training committees from wild welfare



To understanding in check list



Certified by SEAZA and Wilde welfare



Regulation

- We are using SEAZA standard on animal welfare



SEAZA STANDARD ON ANIMAL WELFARE

COMMITMENT STATEMENT

SEAZA aims to emphasize its continuing commitment to the enforcement of positive animal welfare among its members and become role models in the region in the implementation of programs and activities that promote such.

To do this, SEAZA Members commit to:

1. Have a common understanding of positive animal welfare;
2. Be leaders, advocates and authoritative advisers in achieving prominent welfare standards for the animals in our care:
 - a. Provide environments that focus on the animals' physical and behavioural needs and;
 - Is based on knowledge of the animal's biology and behaviour in the wild.
 - Appropriately address the cognitive abilities of the animals,
 - Allow the animals to behave and exercise normally,
 - Protects their health and safety, and
 - Offers an interesting and stimulating environment.
 - b. Initiate and implement guidelines on the care of animals used in interaction, presentation and educational programs; and
3. Provide opportunities for governments and non-member institutions in the region to adopt SEAZA standards.

This framework details fundamental captive wild animal husbandry requirements that are essential for the protection of animal well-being and supports positive in-situ conservation efforts. It specifies the primary welfare requirements for the maintenance of wild animals

SEAZA 1

Internal audit committee : 6 zoos under ZPO



Chiangmai Zoo



Khon Kean Zoo



Khao Kheaw Open Zoo



Nakhonratchasima Zoo



Ubonratchatane Zoo



Songkha Zoo



5 Domains

- Environment
- Nutrition
- Behavior
- Veterinary ,Health Management
- Positive Mental welfare



Former welfare checklist is **quantity** scores, new Checklist is **quality** scores, 5 levels

- **Acceptable** (require intermediate intention)
- **Questionable** (Should be improve or change as soon as possible but not a critical matter)
- **Unacceptable** (must be corrected)
- **Not applicable**
- **Not assessed**



Rules, regulations and corresponding system on animal ethics and welfare in each region

Reported

- COMITTIES



Khon Kaen Zoo, Thailand.

Audit Report March 2019

Audit report for certification against South East Asian Association
of Zoos and Aquariums (SEAZA) Standard of Welfare

Auditors:

Lead: Dr. Vaid Anantawong, DVM - ZPO

International Representative and advisor: Dave Morgan - Wild Welfare

Dr. Yongchai Udom, DVM - ZPO

Dr. Sudarsh Bachchan, PhD - ZPO

Ms. Nucharee Panyalakorn - ZPO

Please note:

1. This report represents the primary audit of this zoo against the SEAZA standard of Welfare;
 2. The report lists specific findings that mandatory corrective action is required for. Before a recommendation for certification can be given to SEAZA Board and SEAZA Ethics and Animal Welfare Committee;
 3. Once the deadline for corrective action has been reached, a follow-up audit is required to check on compliance with required corrective actions;
 4. This report also lists secondary findings noted by the audit team that may be of interest or use to the zoo management. Compliance with these is not mandatory for certification;
 5. The audit was conducted with a pre-determined checklist. Please see Appendix One for details;
 6. The contents of this report reflect the findings at the time of the audit.
- These inspections and reports do not include inspections or evaluations of conditions relating to those areas of the locations that are obstructed or inaccessible at the time of the inspection;
- SEAZA does not assume any responsibility or liability for actions taken or not taken in regard to the content of this report nor for the safety of individual specimens.
- Any decision undertaken by any party based on information contained in this report is under the party's sole responsibility and at its own risk.
- This report may not be reproduced or published in whole or in part, stored, amended, made available in or used upon by any other person, firm, entity without the prior written consent of the Board of SEAZA.

Mandatory Requirements for Certification:

	CONCERN	REQUIREMENT	TIMELINE FOR
#1	Lack of environmental complexity 1) Cassowary 2) Python 3) Tortoises 4) Zoo kid zone 5) Crowned pigeon 6) Porcupine (zoo kid zone, vulture) 7) Seal 8) Black bear holding 9) Male Orangutan	The provision of greater environmental complexity and additional behavioural enrichment to all listed species to allow expression of natural behaviours.	3 months from date of report
#2	Free choice to access between holding and exhibit 1) Bear 2) Hyena 3) Zoo kid zone 4) Chimpanzee 5) Orangutan 6) Tiger 7) Lion 8) Hippopotamus 9) Porcupine	Change management policy to allow access to dens during the day and night.	3 months from date of report
#3		Develop long-term management plan for Black Bear exhibit and off-exhibit accommodation.	3 months from date of report

Notification, Improvement, Repetitive Assessments, Maintain Standards, Assessment Frequency

- In first four years , Welfare assessment twice a year
- Next Once A year Duration 2-3 days
- All enclosures , animal hospital , zoo kitchen
- Unacceptable should corrected immediately
- Auditor report in 2 weeks
- Zoo Report Back in 90 days
- If auditor found Unacceptable in many topic , auditor will repeat assessment in 6 months
- In case of having to spend a lot of budget, waiting long time for budget, it maybe move animals to other zoos









Response to the complaints and demands on Animal ethics and welfare

Case study

I. Elephant to swim underwater Tank

 **World Animal News**
@WorldAnimalNews

The #KhaoKheowOpenZoo in #Thailand. Elephants forced to swim, ridden & prodded by a mahout. Tell @tripadvisor to stop promoting cruelty! ☎ 781.800.5000, e-mail ✉ uspr@tripadvisor. Tell Khao Kheow Zoo to stop abusing elephants ☎ 0116638318444, e-mail ✉ Admin@kkopenzoo.com 🌍 #WAN



♥ 1,414 9:39 AM - Aug 27, 2018

💬 2,817 people are talking about this

Zoo Forces Elephant To Swim Underwater In Tank For Shows

The trainer sits on her head and pulls her ears ❤️

BY KRISTEN WARFIELD

PUBLISHED ON 09/07/2018



ELEPHANT

An elephant leaps and bounds across a tank, repeatedly ducking her head beneath the water. Standing on her hind legs, she walks across the floor of the tank with her trunk wiggling in the air and her head underwater.

She then swims to the very bottom of the tank, wading there for a moment — all while a trainer stands on her neck and pulls forcefully on her ears.



An elephant being forced down to the tank's floor by her trainer.
Youtube/Khao Kheow Open Zoo

Response to the complaints and demands on Animal ethics and welfare

Case study

I. Elephant to swim underwater Tank

We explain about elephant swimming is :

- natural behavior
- Timing for this actively between 10-15 min./day
- ZPO get to certified by WAZA and SEAZA standard



Response to the complaints and demands on Animal ethics and welfare

Case study

Moreover, we have more activity for elephant:
In the morning, we're bring the elephant walk around of the zoo
make toys for enrichment in enclosure .

I. Elephant to swim
underwater Tank



Rules, regulations and corresponding system on animal ethics and welfare in each region

Case study

II. Elephants was chained to the ankle



This elephant was chained to the ankle and even his mighty strength could not free him

BLOODIED AND CHAINED Thailand zoo horror revealed in sickening snaps showing emaciated animals shackled in tiny cages

Brit photographer exposes what he dubs as 'wildlife house of horrors' at Pata and Phuket zoos while tourists

[Patrick Knox](#)

9 Apr 2018, 11:04 | Updated: 10 Apr 2018, 0:11

Response to the complaints and demands on Animal ethics and welfare

Case study

To educate both of mahout and staff about elephant welfare



Target training



Future Plan

- ZPO plan the long-term program for maintain the zoo standard and the animal welfare assessment in ZPO zoo is still continuing.
- Conduct a training course on the ZPO ethics and welfare committee frequently .
- Training new generation staff about the animal welfare standard and environmental enrichment
- Develop the zoo animal welfare assessment tools and procedure

