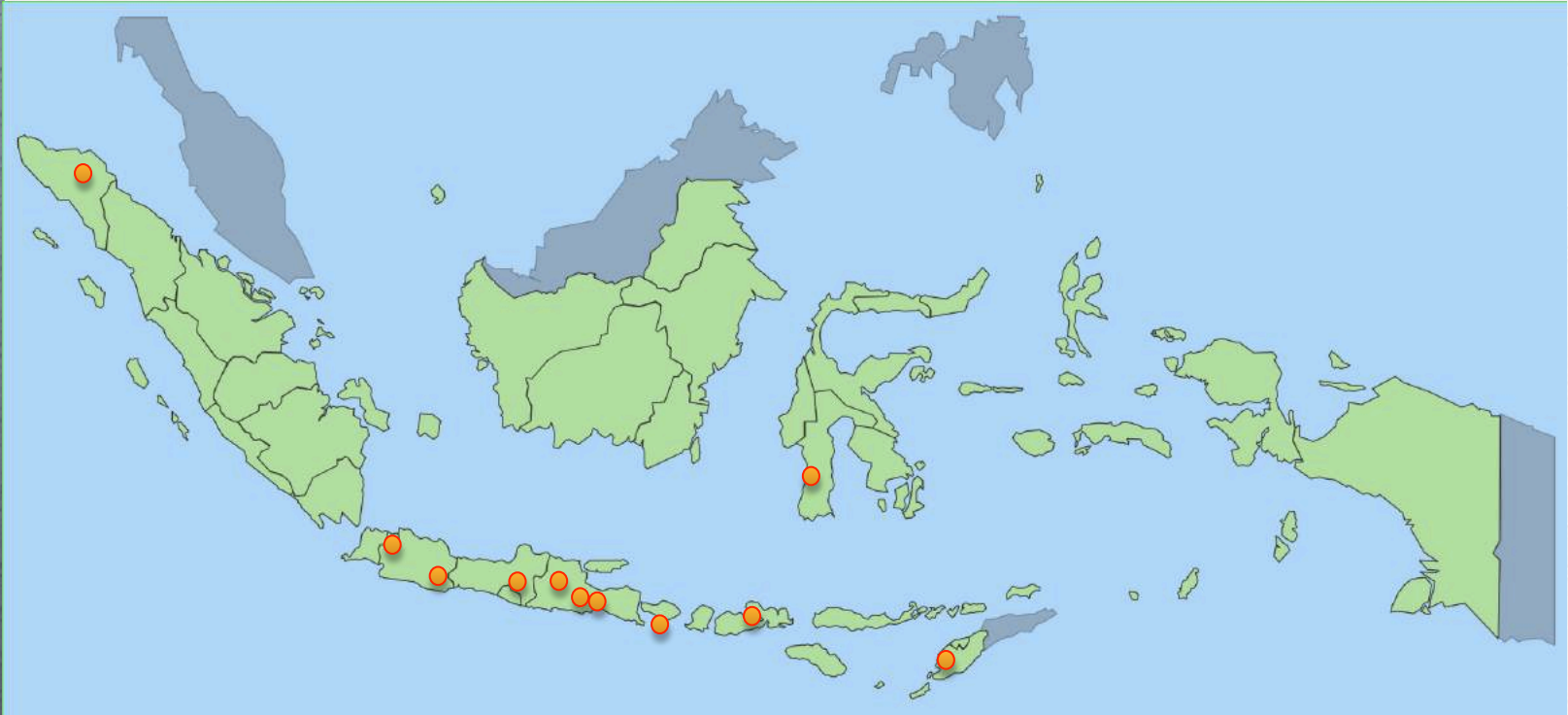




# FACULTY OF VETERINARY MEDICINE IN INDONESIA: PERSPECTIVE AND FUTURE CHALLENGES

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# REPUBLIC OF INDONESIA



**17,000 islands. Continent : 1,9 m Km<sup>2</sup>;  
Population: 264 million . 3,000 ethnic groups.**



# BACKGROUND

- Population: 264 million people, number of veterinarians: ± 60.000, now: ± 20.000 veterinarians
- Demand for veterinarians is growing as development of breeding and raising livestock, poultry, and fish for food security.
- Disease control programs especially for transmissible diseases and zoonosis is also contributing to the need for more veterinary professionals





# Veterinary School in Indonesia

- o Syiah Kuala University,
- o Bogor Agricultural University,
- o Universitas Gadjah Mada
- o Airlangga University,
- o Udayana University ,
- o Hasanudin University,
- o Nusa Cendana University,
- o Brawijaya University,
- o Wijaya Kusuma University,
- o Nusa Tenggara Barat University
- o Universitas Padjajaran







**Motto:**

***“MANUSYA MRIGA SATWA  
SEWAKA”***

**Healthy animals will provide welfare for  
all human beings**





# History Association of Indonesian Veterinary Schools

- o It was established in February 18<sup>th</sup> **2010** in Surabaya
- o **8** Faculty of Veterinary School: UGM, IPB, UNAIR, UNSYIAH, UB, Wijaya Kusuma, UNUD and Univ Nusa Tenggara Barat
- o President: Prof. Dr. drh. Bambang Sumiarto, SU, MSc
- o **2011**: Indonesian Vet school was growing up to 11 ( 2 of vet school was private )
- o The meeting was running quarter/year, with the turn location
- o President: Prof. drh. Srihadi Agunngpriyono, MSc, Ph.D
- o Secretary: Prof. Dr. drh. Siti Isrina Oktavia Salasia





# Curriculum Study

- o Bachelor: 144- 160 credit/ 8 semester
- o Followed by veterinary profession program: 36-40 credit/3 semester
- o Methods teaching and learning: regular class, consist of 40-50 students
- o Practical skill in Laboratory was given after teaching class ( 1 credit)
- o National Board: one day after inauguration, by The Indonesian Veterinary Medicine Association



# Services Community

- Holidays (Iedul Adha):
- Aims:
- Workshop: how to slaughter of lamb and cattle based on animal welfare
- how to manage of meat
- Physical examination ante and post mortem
- How to manage waste product
- Supporting treatment for livestock in earthquake area in Lombok island and Palu











서울대학교  
SEOUL NATIONAL UNIVERSITY

# International symposium in Veterinary Science



- It has been held on Feb 28, 2018 in Yogyakarta, yearly
- In Conjunction between Association of Indonesian Veterinary Schools and JSVS, SNU
- Beside International Symposium, student and teacher exchange has been running intensively



# Continue.....

- Improvement of Academic Quality
- Open collaboration for junior staff exchange program and pursue their Ph.D study
- To establish Association of Japan-Indonesia Veterinary Education (AJIVE)
- Empowering of Indonesian people/farmer



# Newest Activity of Indonesian Veterinary school

- FGD: 6-7 November 2018, in Bogor
- Attendees:
  - Dean from 11 faculty of Vet Med
  - President of Association of Indonesian Veterinary Schools
  - President of Indonesian Veterinary Association
  - Legal expert

## Aims:

1. to apply the government regulation regarding veterinary education





# University of Syiah Kuala

- o One Health Collaboration Center (OHCC)
- o Antimicrobial Resistance (AMR) menggunakan OH-Smart Tools. Dibawah dukungan program USAID-Prestasi dan Kementerian Koordinator Pembangunan Manusia dan Kebudayaan Republik Indonesia.



# University of Hasanuddin



- Study program of Faculty of Medicine
- Under supervision of Bogor Agricultural University
- It was established in 2010
- $\pm$  50-60 students/year
- Research focus: Zoonotic diseases



# BOGOR AGRICULTURAL UNIVERSITY



# Bogor Agricultural University

- o Quality Assurance: SAR-AUN (Asean University Network)
- o National Accreditation: BAN PT
- o Quality Management system: ISO:9001:2015
- o Regular and International students
  
- o Conduct various excellent Continuing Professional Development (CPD)
- o Collaboration with Japan: 1. student and lecturer exchange program; 2. prevention and control of zoonotic and vector borne viral diseases



# Bogor Agricultural University

1. Have 3 Department
2. Teaching and learning method process adopted by National and The International standard , as well as to achieve the OIE Day-1 graduate competency
3. Clinical rotation: surgery, radiology, internal medicine, clinical pathology, laboratory diagnostic and hospital management



# Facilities



- Teaching Animal Hospital" which is the prominent animal hospital in South East Asia equipped with the state-of-the-art and complete facilities.
- Fourth-floor building in the area of 18,000 m<sup>2</sup>.
- Reproductive Rehabilitation Unit (URR).
- Vaccine and Biology Material Production Unit.
- Animal Laboratory Unit.
- Meat Assurance Unit.
- Integrated Laboratory Unit.





# Universitas Padjadjaran

- Study program of Veterinary Medicine
- Established in January 2016
- Under supervision of Bogor Agricultural Univer
- $\pm 60$  students/year
- Research focus: Zoonotic diseases and Ecohealth





# UNIVERSITAS GADJAH MADA

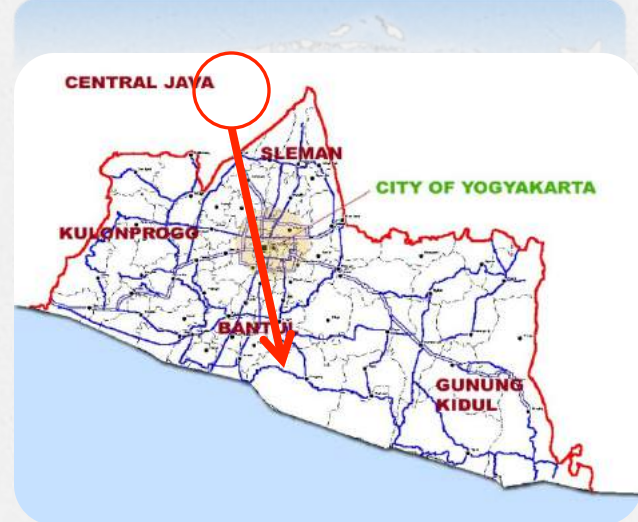
FoVM UGM Profile





# Universitas Gadjah Mada

- It was established on 20<sup>th</sup> September, 1946, located in Yogyakarta
- National Accreditation: BAN-PT
- International Accreditation: ASIIN (in progress)
- International certified: SAR-AUN
- Academic Management: ISO:9001:2008
- Students: 1315 (54 International students)
- Donate: 5500 veterinarians



Fakultas Kedokteran Hewan  
UNIVERSITAS GADJAH MADA





# Universitas Gadjah Mada

## ◦UGM has design special curriculum:

- Focus Group Discussion after 3 times of teaching class; SCL+ STAR (harmonious relationship and mutual feedback learning between student and lecturer), integrated study
- a mandatory community services program: 3 credit
- 5500 veterinarians





# Collaboration



- o Inastent project
- o Cathlab from PT Philips
- o Collaboration among engineer, dentistry veterinarians and Factory



# University of Airlangga

- It was established in 1969, in Malang
- National accreditation: BAN-PT
- International accreditation: ASIIN (in progress)
- Certified by the IKTIRAF, Malaysia, SAR-AUN (Asean university Network)
- Quality Management system: ISO 9001: 2008
- It has 2 class: Regular and International Class





## Continued Unair.....

- Research focus: 1. Biomedical Science; 2. reproductive science; 3. nutrition and animal science; 4. One Health; 5. Clinical sciences
- FoVM Unair has BSL3
- Tropical Disease Institute (Leading center of Science and Technology)





# Continued..... unair

- oCommunity services:
  - oTaman Safari2:harmonization between society by one health approach
  - oBanyuwangi: goat and sheep development
  - oTrenggalek: Livestock health services to the community
- oJapan Collaboration: Miyasaki, Yamaguchi and Kagoshima university



# Wijaya Kusuma Surabaya University

- Private University
- It was established 2010
- Register in the Association of Indonesian Veterinary Schools (AFKHI) in 2012
- National accreditation: BAN-PT
- Student per year: 120
- Clinical rotation: Universitas Gadjah Mada (part of)





# Brawijaya University

- It was established in 2008, then extension in 2010 with 2 program Bachelor of Veterinary Medicine (B.Vsc) and Doctor of Veterinary Medicine
- It consist of 147 credit; clinical rotation: 38 credit
- It has 30 lecturer master and Ph.D
- Collaboration activity: National Pingtung Univ, Taiwan, Tarlac Agricultural Univ(Philippines), International Organization: SEAVSA, AAVS, AVMA
- National Accreditation: BAN-PT



# Brawijaya University



- BREVET BASIC VETERINARY OPHTHALMOLOGY
- 16-20 July 2018
- Prof. Naoaki Takiyama, DVM, PhD., (Nihon Univ) and Yoshiki Itoh, DVM, PhD (Yamaguchi univ)
- 28 veterinarians were participated
- To be continued by the advanced



Brawijaya  
University





# Udayana University

- It was established in 1997
- Since 2010 has organized Master program
- National Accreditation: BAN-PT
- Certified: SAR-AUN
- Research Focus: Development of Bali cattle, Kintamani dog, free area for Rabies





# Nusa Tenggara Barat University

- Established in 2001
- National accreditation: BAN-PT
- Veterinary teaching hospital (in process)
- Research Collaboration: Japan Animal Trust (Osaka-Japan)
- Community services: Governance Program, Bumi sejuta sapi, and Pijar





# University of Nusa Cendana

- It was established in 2010 as a study program, then 2013 upgraded to the Faculty
- **Background:** high animal diseases in NTT province, centra area for cattle and horses, urgent need for veterinary
- National accreditation: BAN-PT





# Focus and Strategy of Research

- Zoonotic diseases: Anthrax and Rabies
- Infectious tropical animal diseases: cattle and pigs
- USAID: Anbiocore. Consortium conducting research on animal bio reproduction
- Antimicrobial resistance
- Lack of wildlife knowledge so that....







Thank you for listening

Greeting from INDONESIA



