

# COMPANY PROFILE

## DRRC UI | PPRB UI 2022

Disaster Risk Reduction Center  
Pusat Pengurangan Risiko Bencana

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# DRRC UI



**Fatma  
Lestari**

**Director**

## INTRODUCTION KATA PENGANTAR

### **Disaster Risk Reduction Center**

Indonesia is located on the Pacific Ring of Fire – an area with plenty of tectonic activities. Indonesia faces a variety of natural disaster as well as man-made disasters. People living in Indonesia have to cope with a risk of volcanic eruptions, earthquakes, floods, tsunamis, forest fires, hazardous materials spills, mass transport accidents and industrial derived disasters. These resulted in the death of hundreds of thousands of human & animal lives, as well as a destructive effect on the land area including infrastructure, assets and property, environmental consequences, reputation and business interruption.

Disaster Risk Reduction Center Universitas Indonesia (DRRC UI) builds capacity to improve resilience society, saving lives and populations affected by disasters. DRRC UI train the leaders, conduct research, and collaborate with partners to promote best practices in preparedness, response, and recovery based on the concept of “Sustainable Resilience”. In order to save lives, preserve our valuable asset, properties, maintain company and country's reputation, protect the environmental pollution we have to managed risk and build a resilience society through Disaster Management and Business Continuity Management.

PREPARE FOR THE WORST, PLAN FOR THE BEST !

Best Regards,

**Prof. Dra. Fatma Lestari., M.Si., Ph.D**

Director

### **Pusat Pengurangan Risiko Bencana**

Indonesia terletak di Cincin Api Pasifik - daerah yang memiliki banyak aktivitas tektonik. Indonesia menghadapi berbagai bencana alam maupun bencana buatan manusia. Masyarakat yang tinggal di Indonesia harus menghadapi risiko letusan gunung berapi, gempa bumi, banjir, tsunami, kebakaran hutan, tumpahan bahan berbahaya, kecelakaan transportasi massal, dan bencana yang diakibatkan oleh industri. Hal ini mengakibatkan kematian ratusan ribu nyawa manusia & hewan, serta efek destruktif pada wilayah daratan termasuk infrastruktur, aset dan properti, konsekuensi lingkungan, reputasi dan gangguan bisnis.

Pusat Pengurangan Risiko Bencana Universitas Indonesia (DRRC UI) membangun kapasitas untuk meningkatkan ketahanan masyarakat, menyelamatkan nyawa dan penduduk yang terkena bencana. DRRC UI melatih para pemimpin, melakukan penelitian, dan berkolaborasi dengan mitra untuk mempromosikan praktik-praktik terbaik dalam kesiapsiagaan, respons, dan pemulihan berlandaskan konsep “Resiliensi Berkelanjutan”. Untuk menyelamatkan nyawa, melestarikan aset berharga, properti, menjaga reputasi perusahaan dan negara, melindungi pencemaran lingkungan, kita harus mengelola risiko dan membangun masyarakat yang tangguh melalui Manajemen Bencana dan Manajemen Kelangsungan Bisnis.

SIAPKAN UNTUK YANG TERBURUK, RENCANA UNTUK YANG TERBAIK!

Salam Hormat,

**Prof. Dra. Fatma Lestari., M.Si., Ph.D**

Kepala Disaster Risk Reducion Center

# PROFILE DRRC UI

## LATAR BELAKANG DRRC UI

The University of Indonesia's Disaster Risk Reduction Center (DRRC UI) was established in 2014 based on the Universitas Indonesia Rector's Decree Number 0140A/SK/R/UI/2014 which stated the establishment of the Disaster Research & Response Center University of Indonesia (DRRC UI) on February 4, 2014. However, since the issuance of the Decree of the Rector of the University of Indonesia Number 909/SK/R/UI/2020 concerning the establishment of the University of Indonesia's Disaster Risk Reduction Center, the Disaster Research & Response Center University of Indonesia has changed its name to the Disaster Risk Reduction Center University of Indonesia and is now designated as a Full Flexibility Special Work and Community Service Unit at the University.

The Full Flexibility Special Service and Community Service Unit (UKK PPM FP) is a work unit established with the aim of serving the demands and needs of the community and UI residents within the framework of applying and developing knowledge and expertise in accordance with the field of science or discipline organized by the University and / or Faculties based on the Regulation of the Chancellor of the University of Indonesia Number 032 of 2016 concerning the Special Work Unit for Services and Community Service at the University of Indonesia.

Full Flexibility Special Service and Community Service Unit (UKK PPM FP) Pusat Pengurangan Risiko Bencana or Disaster Risk Reduction Center (DRRC) UI is a work unit that is engaged in service and community service in the field of disaster.

UKK PPM FP DRRC UI is expected to be able to provide disaster related services, training and online learning for disaster workers, digital products for disaster services and services, innovations related to disaster, consultation and advocacy for disasters in Indonesia while also providing profit for the University of Indonesia.

DRRC UI builds capacity to increase community resilience, save lives and populations affected by disasters. The DRRC trains leaders, conducts research and collaborates with partners to promote best practices in preparedness, response, recovery. To save lives, valuable assets, property, protect the reputation of the company and the country, protect the environment from pollution. Manage risk and build resilient communities through Disaster Management and Business Continuity Management.



Disaster Risk Reduction Center (DRRC) atau Pusat Pengurangan Risiko Bencana (PRRB) Universitas Indonesia berdiri sejak tahun 2014 berlandaskan Surat Keputusan Rektor UI Nomor 0140A/SK/R/UI/2014 yang menyatakan berdirinya Pusat Riset dan Respons Bencana (Disaster Research & Response Center) Universitas Indonesia (DRRC UI) pada tanggal 4 Februari 2014. Namun, semenjak keluarnya Surat Keputusan Rektor Universitas Indonesia Nomor 909/SK/R/UI/2020 tentang pembentukan Disaster Risk Reduction Center Universitas Indonesia, Pusat Riset dan Respons Bencana berubah nama menjadi Pusat Pengurangan Risiko Bencana Universitas Indonesia dan ditetapkan sebagai Unit Kerja Khusus Pelayanan dan Pengabdian Masyarakat Fleksibilitas Penuh di Universitas Indonesia.

Unit Kerja Khusus Pelayanan dan Pengabdian Masyarakat Fleksibilitas Penuh (UKK PPM FP) adalah unit kerja yang didirikan dengan tujuan melayani permintaan dan kebutuhan masyarakat serta warga UI dalam kerangka penerapan dan pengembangan ilmu pengetahuan dan keahlian sesuai dengan bidang ilmu atau disiplin ilmu yang diselenggarakan oleh Universitas dan/atau Fakultas berdasarkan Peraturan Rektor Universitas Indonesia Nomor 032 tahun 2016 tentang Unit Kerja Khusus Pelayanan dan Pengabdian Masyarakat Universitas Indonesia.

Unit Kerja Khusus Pelayanan dan Pengabdian Masyarakat Fleksibilitas Penuh (UKK PPM FP) Pusat Pengurangan Risiko Bencana atau Disaster Risk Reduction Center (DRRC) UI merupakan unit kerja yang bergerak dalam bidang pelayanan dan pengabdian masyarakat dalam bidang kebencanaan.

UKK PPM FP DRRC UI diharapkan dapat memberikan layanan terkait kebencanaan, training dan online learning bagi tenaga-tenaga kebencanaan, produk digital jasa dan pelayanan kebencanaan, inovasi-inovasi terkait kebencanaan, konsultasi dan advokasi kebencanaan di Indonesia sekaligus dapat memberikan profit bagi Universitas Indonesia.

DRRC UI membangun kapasitas untuk meningkatkan ketahanan masyarakat, menyelamatkan nyawa dan populasi yang terkena dampak bencana. DRRC melatih para pemimpin, melakukan penelitian, dan berkolaborasi dengan mitra untuk mempromosikan praktik terbaik dalam kesiapsiagaan, respons, pemulihan. Untuk menyelamatkan nyawa, aset berharga, properti, menjaga reputasi perusahaan dan negara, melindungi terjadinya pencemaran lingkungan. Mengelola risiko dan membangun masyarakat yang tangguh melalui Manajemen Bencana dan Manajemen Kelangsungan Bisnis.

# VISION AND MISSION

## VISI DAN MISI

### VISION

To become a global center of excellence for studies and community service in multidisciplinary studies and studies in the field of disaster management, which is able to shape excellent human resources in the field of disaster management.

### MISSION

- Finding and developing various scientific approaches or methods in disaster and crisis risk reduction, through a multidisciplinary approach.
- Improve and strengthen the knowledge, competence, skills and reliability of the UI academic community in participating in protecting the wider community and reducing the risk of disasters and crises.
- Establish and expand cooperation networks between academic and non-academic institutions at home and abroad, which focuses on disaster and crisis risk reduction.
- Assist various stakeholders to increase effectiveness and efficiency in disaster risk reduction at pre-disaster, during disaster and post-disaster stages.
- Develop a cross-actor coordination system in the best practice of disaster risk reduction in Indonesia.
- Encouraging the realization of disaster preparedness mechanisms and crisis situations within UI.
- Encouraging data collection for emergency infrastructure for local governments to promote the realization of sustainable resilience and speed of recovery.

### VISI

Menjadi pusat kajian dan pengabdian masyarakat unggulan *global (global center of excellent)* dalam studi dan kajian multidisiplin di bidang penanggulangan bencana, yang mampu membentuk sumber daya manusia yang unggul dalam bidang kebencanaan.

### MISI

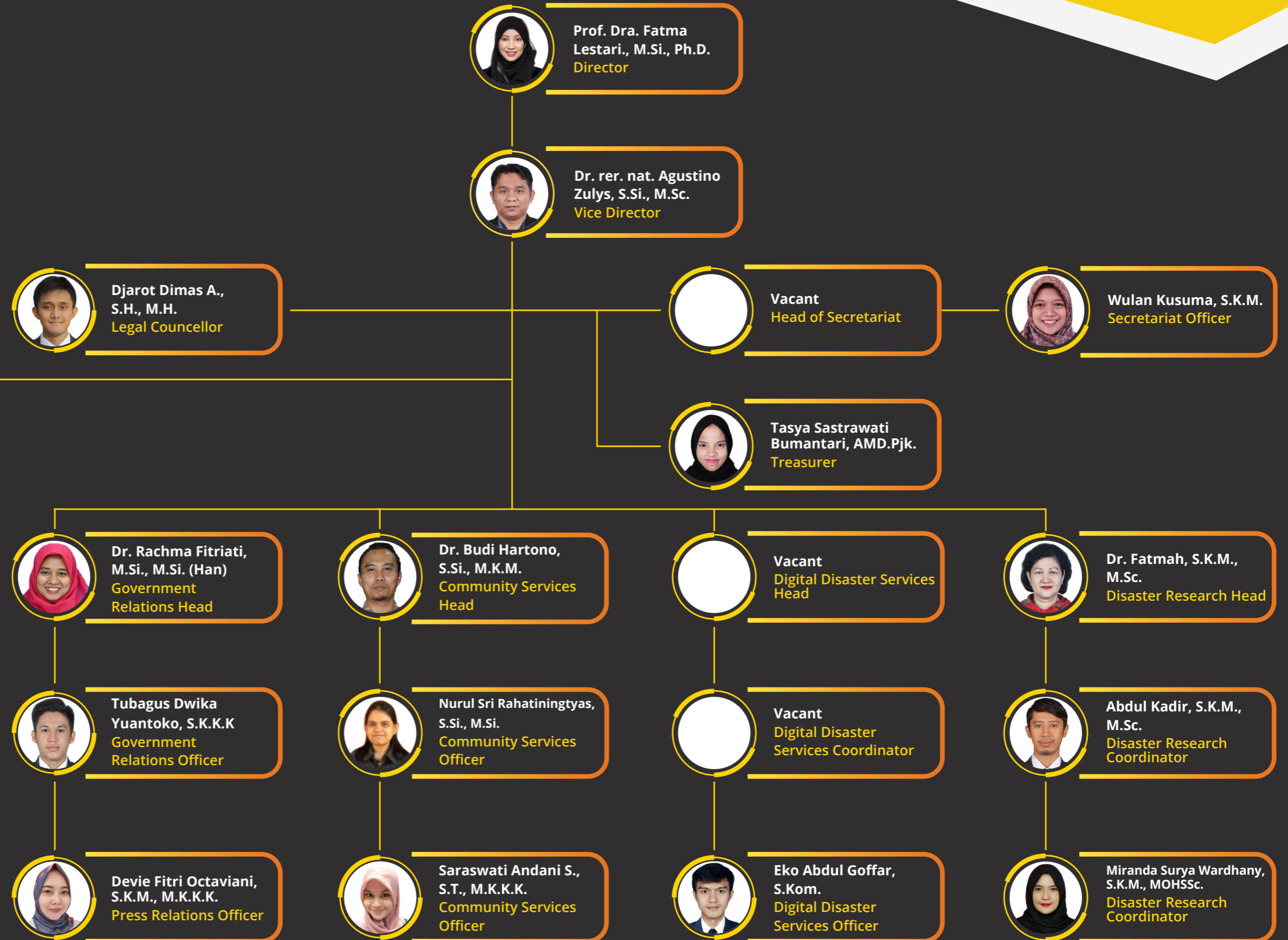
- Menemukan dan mengembangkan berbagai pendekatan atau metode ilmiah dalam pengurangan risiko bencana dan krisis, melalui pendekatan multidisiplin.
- Meningkatkan dan memperkuat pengetahuan, kompetensi, keterampilan dan keandalan civitas akademika UI dalam turut serta melindungi masyarakat luas dan mengurangi risiko bencana dan krisis.
- Menjalin dan memperluas jejaring kerjasama antar lembaga akademik dan non akademik di dalam dan di luar negeri, yang memfokuskan diri pada pengurangan risiko bencana dan krisis.
- Membantu berbagai pemangku kepentingan untuk meningkatkan efektivitas dan efisiensi dalam pengurangan risiko bencana pada tahap pra bencana, saat bencana dan pasca bencana.
- Mengembangkan sistem koordinasi lintas pelaku dalam praktek terbaik pengurangan risiko bencana di Indonesia.
- Mendorong terwujudnya mekanisme kesiapsiagaan bencana dan situasi krisis di lingkungan UI.
- Mendorong pendataan infrastruktur kedaruratan bagi pemerintah lokal untuk mendorong terwujudnya ketangguhan berkelanjutan dan kecepatan recovery.

# ORGANIZATION STRUCTURE

## STRUKTUR ORGANISASI

### EXPERT PANEL

1. Dicky Pelupessy, S.Psi., M.Sc., Ph.D.
2. Renti Mahkota, S.K.M., M.Epid.
3. Prof. dr. Mondastrri Korib Sudaryo, M.S., D.Sc.
4. Apt. Tri Wahyuni, S.Farm., M.Biomed., Ph.D.
5. Drs. Bambang Wispriyono, Apt., Ph.D.
6. Ns. Arcellia Farosyah Putri, M.Sc., Ph.D., AFHEA
7. Doni Hikmat Ramadhan, S.KM., M.KKK, Ph.D.
8. Prof. Dr. dr. L. Meily Kurniawidjaja, M.Sc., Sp.Ok.
9. Dr. dr. Riyadh Firdaus, Sp.An-KNA
10. Dr. Triarko Nurlambang, Grad.Dip., M.A.
11. Yuni Kusminanti, S.K.M., M.Si.
12. Anom Bowolaksono, Ph.D.
13. Ir. Widjojo Adi Prakoso, M.Sc., Ph.D.
14. Prof. Ir. Yulianto Suistyo Nugroho, M.Sc., Ph.D.
15. Ratih Dyah Kusumastuti, M.T., Ph.D.
16. Dr. Andi Eka Sakya, M.Eng.
17. Dr. Ing. Ardian Ulvan, S.T., M.Sc.
18. Dr. Lin Yola, S.T., M.Sc.
19. Desi Adhariani, S.E., M.Si., Ph.D.
20. Prof. Dr. Maria Immaculatus Djoko Marihandono, S.S., M.Si.
21. Dr. Tamara Adriani Salim, S.S., M.A.
22. Dwi Sugiharti, S.E., M.Ec.Dev., M.Ec., Ph.D.
23. Dr. Tiodora Hadumaon Siagian M.Pop.Hum.Res
24. Dr. Dewi Susiloningtyas, M.Si
25. Siswanto, Ph.D.
26. Dr. dr. H. Boy Subirosa Sabarguna, MARS, Sp. KL, Subsp. PP(K).
27. Prof. Drs. Heru Suhartanto, M.Sc., Ph.D.
28. dr. Renauld Koswiranagara M, SEMI VSP
29. Prof. Dr. Yati Afiyanti, S.Kp., M.N.
30. Viverita, Ph.D.
31. Wahyu Septiono, S.K.M., M.I.H., Ph.D.
32. Debby Paramitasari, S.K.M., M.Dist. Mgt.
33. Dr. rer. nat. Budiawan
34. Dr. Yuni Krisyuningsih Krisnadi, MRSC.
35. Zaafrani Ananto Husodo, S.E., M.M., Ph.D.
36. Prof. Achir Yani S. Hamid, M.N., D.N.Sc.
37. Jarot Mulyo Semedi, M.S
38. Reza Syahputra, S.T., M.Si.
39. Dr. Kornelius Simanjuntak, S.H., M.H., AAIK.
40. Drs. Adonis Muzanni, M.E.M.
41. R. Hadianto Warjaman, S.H., M.AP., AAJ
42. Dr. Robiana Modjo, S.K.M., M.Kes.
43. Prof. Mohammed Ali Berawi, S.T., M.Eng.Sc., Ph.D.
44. Dr. Fuad Gani, S.S., M.A.
45. Adelina Kamal, S.E., M.M., M.B.A.
46. Andrio Adiwibowo, S.Si., M.Sc.
47. Ir. Rossi Yuliani



# EXPERT PANELS

## TIM AHLI



**Prof. dra. Fatma Lestari, M.Si., Ph.D.**  
**Faculty of Public Health**

Emergency/Disaster Management, Disaster Resilience, Campus Safety & Health, Emergency/Disaster Management, Laboratory Chemical Safety & Security, Biorisk Management and OHSMS at University & Laboratories, HSSE Risk Assessment, Quantitative Fire & Explosion Risk Assessment, OHSMS, Emergency Response, Business Continuity, Fire Safety, Contractor Safety & Health Management System, and Safety Integrity Level & Layer of Protection Analysis



**Dr. rer. nat. Agustino Zulys, S.Si., M.Sc.**  
**Faculty of Mathematics and Natural Sciences**

Synthetic inorganic chemistry, with special interest in functionalization coordination chemistry.



**Djarot Dimas A., S.H., M.H.**  
**Expert Panel of DRRC UI**

Legal Affairs.



**Wulan Kusuma Wardani, S.K.M.**  
**Expert Panel of DRRC UI**

Public Health, Environmental Science, Environmental Health, Environmental Management, Disaster Management



**Tasya Sastrawati Bumantari, AMD.Pjk.**  
**Expert Panel of DRRC UI**

Tax, Finance, Accounting, and Cashflow.



**Dr. Rachma Fitriati, M.Si., M.Si.(Han)**  
**Expert Panel of DRRC UI**

Administrative Science, Business & Public Policy, Systems Thinking, Good Governance, Collaborative Governance, Smart City & Smart Village, Disaster Risk Reduction, Village Competitiveness.



**Dr. Budi Hartono, S.Si., M.K.M.**  
**Expert Panel of DRRC UI**

Environmental Health Risk Assessment (EHRA), Chemical.



**Dr. Fatmah, S.K.M., M.Sc.**  
**Expert Panel of DRRC UI**

Public Health, Disaster Management, Nutrition and Food Science.



**Tubagus Dwika Yuantoko, S.K.K.K.**  
**Expert Panel of DRRC UI**

Public Health, Occupational Health & Safety, Graphic Design.



**Nurul Sri Rahatiningtyas, S.Si., M.Si.**  
**Expert Panel of DRRC UI**

Geographical Science, Sustainable Environment Assessment,  
Natural Resources Management GIScience:  
Geographically Integrated Natural Disaster.



**Dicky Pelupessy, S.Psi., M.Sc., Ph.D.**  
**Expert Panel of DRRC UI**

Disaster Psychology, Psychosocial Support in Disaster,  
Evacuation Behaviour, and Displacement and forces migration.



**Abdul Kadir, S.K.M., M.Sc.**  
**Expert Panel of DRRC UI**

Industrial Toxicology, Exposure Science, Ergonomics.



**Devie Fitri Octaviani, S.K.M., M.K.K.K.**  
**Expert Panel of DRRC UI**

Occupational Health & Safety,  
Risk Management, Ergonomy, Fire.



**Saraswati Andani S., S.T., M.K.K.K.**  
**Expert Panel of DRRC UI**

Occupational Health & Safety,  
Biorisk Management in Laboratory.



**Eko Abdul Goffar, S.Kom.**  
**Expert Panel of DRRC UI**

Digital Disaster, System Analyst, Full Stack Programmer.



**Miranda Surya Wardhany, S.K.M.,  
M.OHSSc.**  
**Expert Panel of DRRC UI**

OHSMS, BCMS, Emergency Response, Risk Management,  
Chemical Safety, Fire Safety.





**Renti Mahkota, S.K.M., M.Epid.**

Expert Panel of DRRC UI

Rapid Health Need Assessment, Surveillance, Outbreak Investigation and Managerial Epidemiology.



**Prof. dr. Mondastri Korib Sudaryo, M.S., D.Sc.**

Expert Panel of DRRC UI

Disaster Epidemiology and Communicable Disease Epidemiology.



**Apt. Tri Wahyuni, S.Farm., M.Biomed., Ph.D.**

Expert Panel of DRRC UI

Pharmacy, Pharmacology, Biomedical Science, Molecular and cellular cardiology.



**Drs. Bambang Wispriyono, Apt., Ph.D.**

Expert Panel of DRRC UI

Environmental Health, Environmental Toxicology, Risk Reduction and Disaster Preparedness, and Hazard's Risk Assessment.



**Anom Bowolaksono, Ph.D.**

Expert Panel of DRRC UI

Biosafety/Biorisk, Bio Molekular.



**Doni Hikmat Ramdhan, S.K.M., M.K.K.K., Ph.D.**

Expert Panel of DRRC UI

Occupational Toxicology, Occupational Health, Health Risk management.



**Prof. Dr. dr. L. Meily Kurniawidjaja, M.S., Sp.Ok.**

Expert Panel of DRRC UI

Occupational Health, Industrial Toxicology, Epidemiology, and Occupational Diseases.



**Dr. dr. Riyadh Firdaus, Sp.An-KNA**

Expert Panel of DRRC UI

Anaesthesiology and Emergency and Disaster.



**Dr. Triarko Nurlambang, Grad.Dip.,M.A**

Expert Panel of DRRC UI

Public Policy, Regional Development, Disaster Management, and Marketing Management Space Analysis.



**Prof. Ir. Yulianto Suistyo Nugroho, M.Sc., Ph.D.**

Expert Panel of DRRC UI

Fire Safety Engineering, Fire Protection Management.



**Dr. Yuni Krisyuningsih Krisnandi**  
Expert Panel of DRRC UI

Materials Chemistry for Energy, and the Environment: especially synthesis, modification, characterization of zeolite and other porous materials for application as catalysts, adsorbent, sensors and others.



**Dr. Lin Yola, S.T., M.Sc.**  
Expert Panel of DRRC UI

Climatically Responsive Urban Configuration, Urban and Regional Development, Technology Innovation



**Dr. Ing Ardian Ulvan, S.T., M.Sc.**  
Expert Panel of DRRC UI

Computer and Network Engineering, Electrical Engineering and Information Technology.



**Ratih Dyah Kusumastuti, M.T., Ph.D.**  
Expert Panel of DRRC UI

Operations Management/Disaster Resilience.



**Yuni Kusminanti, S.K.M., M.Si.**  
Expert Panel of DRRC UI

Occupational Health & Safety, Safety Management & Incident Accident Prevention; Health, Safety, Environment Management System; Managing Psychosocial Aspect at the Workplace; Safety Behavior & Culture, Organizational Behavior.



**Zaafr Ananto Husodo, S.E., M.M., Ph.D.**  
Expert Panel of DRRC UI

Business and Digital Economy, Risk Modeling, Asset Valuation.



**Debby Paramitasari, S.K.M., M.Dist. Mgt.**  
Expert Panel of DRRC UI

Public Health, Disaster Management, Disaster Risk Reduction, Occupational Health and Safety, Crisis Management and Emergency Response.



**Ns. Arcellia Farosyah Putri, M.Sc., Ph.D., AFHEA**  
Expert Panel of DRRC UI

Emergency and Disaster Nursing, Emergency response, Triage (Disaster/Mass Casualty Incident): SALT, MASS.START, Hospital Disaster Plan, Surveillance, and Rapid Health Assessment, Psychological First Aid and Posttraumatic Growth.



**Siswanto, Ph.D.**  
Expert Panel of DRRC UI

Meteorology, Boundary Layer Meteorology, Precipitation, Climate Modeling, Extreme Events, Rainfall, Environment, Climate Variability, Regional Climate Modeling, Climate Science, Atmospheric Physics, Physics of Global Warming, Climate Dynamics, WRF, Numerical Weather Prediction, Physical Oceanography, Numerical Modeling, Extreme Value Theory, Climate Change, Monsoon, Climate, Hydrology, Numerical Analysis, Satellite Data, Wind, IR, Oceanography, Atmosphere, Earth Sciences, AVHRR, Climatology.



**Prof. Dr. Maria Immaculatus Djoko  
Marihandono, S.S., M.Si.**

Expert Panel of DRRC UI

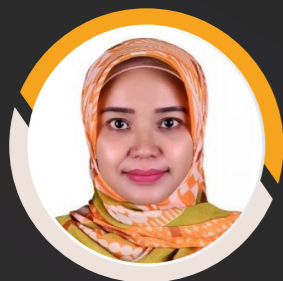
History, Cultural Studies, Multimedia, Language Learning.



**Dr. Tamara Adriani Salim, S.S., M.A.**

Expert Panel of DRRC UI

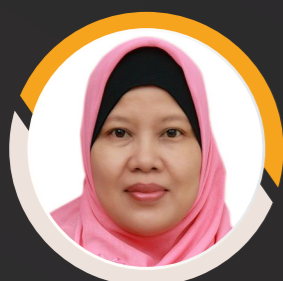
Local knowledge and Wisdom, Digital Multimedia, Literature.



**Dwi Sugiharti, S.E., M.Ec.Dev.,  
M.Ec., Ph.D. (can)**

Expert Panel of DRRC UI

Data and Macroeconomics Analysis, Socio-economic Analysis.



**Dr. Tiodora Hadumaon Siagian,  
M. Pop.Hum.Res**

Expert Panel of DRRC UI

Statistics, Population and Human Resource.



**Prof. Achir Yani S. Hamid, M.N., D.N.Sc.**

Expert Panel of DRRC UI

Mental health-psychiatric nursing, particularly family with a special needs; Disaster nursing management; nursing leadership and nursing/health policy; Nursing workforce and nurse migration.



**Jarot Mulyo Semedi, M.Si.**

Expert Panel of DRRC UI

Geographical Information System (GIS); Remote Sensing; Spatial Analysis.



**dr. Renauld Koswiranagara M, SEMI VSP**

Expert Panel of DRRC UI

Field Emergency clinic and create First Aid Training to mining companies and ER, FAT Instructor, Develop MERP System, Fire & Rescue Instructure



**Dr. Andi Eka Sakya, M.Eng.**

Expert Panel of DRRC UI

Hydrometeorology, Geological Disaster, Disaster Technology, Disaster Management.



**Dr. Dewi Susiloningtyas, M.Si.**

Expert Panel of DRRC UI

Geography and Marine Science, Social Disaster Risk, Spatial Analysis, Spatial Dynamics Model.



**Prof. Heru Suhartanto, Ph.D.**

**Expert Panel of DRRC UI**

Computer Science, E-Health, Biomedical Engineering and Informatics, Information Technology and System, Compiler and Programming Languages, Learning Management Systems.



**Prof. Dr. Yati Afiyanti, S.Kp., M.N.**

**Expert Panel of DRRC UI**

Nursing, International Experts in Higher Education Quality Assurance, Good Clinical Practice.



**Drs. Adonis Muzanni, M.E.M.**

**Expert Panel of DRRC UI**

Environmental & Chemical safety - Security.



**Wahyu Septiono**

**Expert Panel of DRRC UI**

Public Health Specialist and Data Analyst, Health Research, Health Promotion, Epidemiology, Health Policy, Statistics, R Programming, Project Management.



**Reza Syahputra, S.T., M.Msi.**

**Expert Panel of DRRC UI**

Engineering.



**Dr. Kornelius Simanjuntak, S.H., M.H., AAIK.**

**Expert Panel of DRRC UI**

Legal Affairs, Hukum Perdata, Kenotariatan.



**Andrio Adiwibowo, S.Si., M.Sc.**

**Expert Panel of DRRC UI**

Modeling and mapping of environmental Geographic Information Systems (GIS).



**Dr. rer. nat. Budiawan**

**Expert Panel of DRRC UI**

Chemical Toxicology, Chemical Safety.



**Adelina Kamal, S.E., M.M., M.B.A.**

Expert Panel of DRRC UI

Disaster Management, Humanitarian Aid, International Policy Development, Emergency Response and Crisis Management.



**Dr. dr. H. Boy Subirosa Sabarguna, MARS., Sp. KL, Subsp. PP(K).**

Expert Panel of DRRC UI

Community Medicine, Medical Informatics, Biomedical Engineering.



**Dr. Fuad Gani, S.S., M.A.**

Expert Panel of DRRC UI

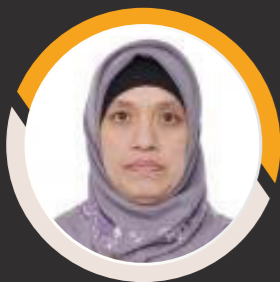
Library and Information Science.



**Desi Adhariani Ph.D.**

Expert Panel of DRRC UI

Financial Management, Microfinance.



**Viverita, Ph.D.**

Expert Panel of DRRC UI

Financial Planner, Qualified Wealth Management, Qualified Financial Educator.



**Dr. Robiana Modjo, S.K.M., M.Kes.**

Expert Panel of DRRC UI

Worker Health Promotion, Occupational Health and Safety, Occupational Epidemiology.



**Prof. Mohammed Ali Berawi, S.T., M.Eng.Sc., Ph.D.**

Expert Panel of DRRC UI

Civil Engineering.



**Prof. Ir. Widjojo Adi Prakoso, M.Sc., Ph.D.**

Expert Panel of DRRC UI

Civil Engineering Geotechnical and Earthquake Engineering.

# Selamat Datang di EDURISK DRRC UI

Kami menyediakan bermacam kursus pembelajaran tentang COVID-19 untuk kamu dirumah.

Lihat Semua Kursus

## Kursus baru

Search: Cari kursus

Course 1: Chemical Inventory Management System (CIMS) - Sistem (Informasi) manajemen Penyimpanan Bahan Kimia

Course 2: Laboratory Biorisk Assessment - Presented by Arie Bawakana, Ph.D

Course 3: Awareness & Understanding the Nature of Risk and Hazard - Presented by Dr. Agatha Juby

Course 4: Industrial Laboratory C...

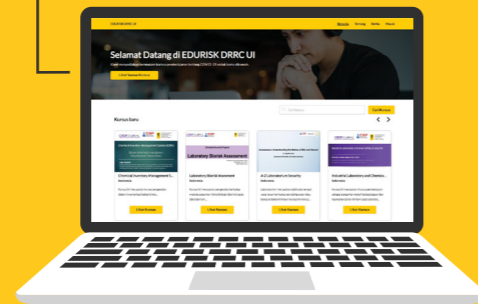
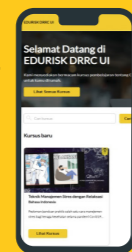
Website: <https://drcc.ui.ac.id/edurisk/beranda>



## PROGRAM AND SERVICES

### KEGIATAN DAN LAYANAN

Playstore: Edurisk



### Community Service

DRRC UI conducts community service activities, among others:

- Edurisk (E-Learning Based Disaster Preparedness Training)
- Education in disaster prone areas such as Lombok and Banten.
- Socialization of disasters for elementary school students through Edu Games.

### Pengabdian Masyarakat

DRRC UI melaksanakan kegiatan-kegiatan pengabdian masyarakat, antara lain :

- Edurisk (Pelatihan Kesiapsiagaan Bencana berbasis E-Learning)
- Edukasi di wilayah rawan bencana seperti Lombok dan Banten.
- Sosialisasi kebencanaan untuk siswa-siswi sekolah dasar melalui Edu Games.

### Disaster Studies

Several disaster studies conducted by DRRC UI in the form of disaster risk mapping. In an area or industry by developing a management system / management of disaster prevention and management. For example: Study and development of emergency response management, business continuity planning (BCP) study, bcms development and implementation, and online disaster training.

### Kajian Kebencanaan

Beberapa kajian kebencanaan yang dilakukan oleh DRRC UI meliputi, pemetaan risiko bencana di suatu daerah maupun industri, pengembangan, penyusunan dan implementasi sistem manajemen kebencanaan atau pengelolaan pencegahan serta penanggulangan bencana. Contohnya : Kajian dan pengembangan manajemen tanggap darurat dan kebencanaan, Kajian Perencanaan Keberlangsungan Bisnis (Business Continuity Plan) serta Pengembangan dan Implementasi BCMS, serta pelatihan kebencanaan.



# PROGRAM AND SERVICES

## KEGIATAN DAN LAYANAN

### COVID-19 Educational-Games

DRRC UI launched an educational game to help elementary students understand how to prevent the transmission of COVID-19.

### HSI (Hospital Safety Index)

HSI is an online application in the form of a checklist developed by DRRC UI related to hospital preparedness for emergencies and disasters.

### Virtual Table Top Exercise

DRRC UI also provides virtual preparedness training through simulations of facing various emergency/disaster scenarios.

### Edu-Games COVID-19

DRRC UI meluncurkan permainan edukatif untuk membantu siswa sekolah dasar untuk memahami cara mencegah penularan COVID-19.

### HSI (Hospital Safety Index)

HSI adalah aplikasi online berbentuk checklist yang dikembangkan DRRC UI terkait kesiapsiagaan rumah sakit menghadapi keadaan darurat dan bencana.

### Virtual Table Top Exercise

DRRC UI juga menyediakan pelatihan kesiapsiagaan virtual melalui simulasi penanganan berbagai skenario kedaruratan/ bencana

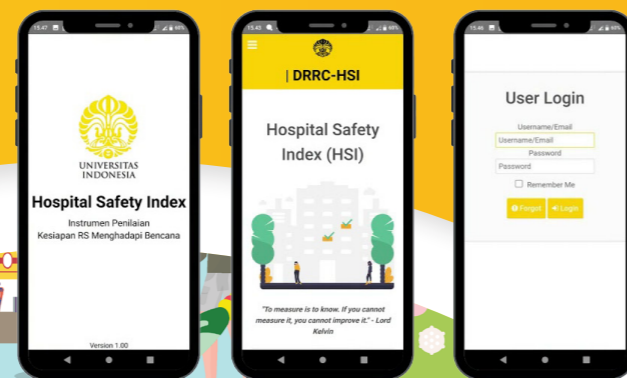


### Disaster Risk Reduction Center Services

DRRC UI can provide services that support disaster management in institutions, such as the development of disaster technology including the use of drones to find alternative evacuation routes and mapping of points / areas affected by disasters. Remote sensing is used to measure the level of earthquake risk in an area. Development of disaster management system online.

### Layanan Kebencanaan DRRC

DRRC UI dapat memberikan layanan yang mendukung pengelolaan, pencegahan dan penanggulangan kebencanaan di institusi, seperti pengembangan teknologi kebencanaan diantaranya penggunaan drone untuk mencari alternatif rute evakuasi dan pemetaan titik-titik/ area yang terdampak bencana. Remote sensing yang digunakan untuk melakukan pengukuran tingkat risiko gempa di suatu daerah. Pengembangan sistem pembelajaran kebencanaan secara online.





# OUR EXCELLENCES

## KEUNGGULAN KAMI

### Excellence

- Team of experts who come from multidisciplinary sciences and have experience in their fields, in carrying out the development and implementation of disaster prevention and management.
- Scientific methods used, referring to the latest scientific and technological developments in the field of disaster.
- Has an extensive network of cooperation, both with UI and at the National and International level.



### Keunggulan

- Tim ahli berasal dari multidisiplin ilmu dan memiliki pengalaman dibidang pengembangan dan implementasi pencegahan serta penanggulangan bencana.
- Metode ilmiah yang digunakan, mengacu pada perkembangan keilmuan dan teknologi terkini dalam bidang kebencanaan.
- Memiliki jaringan kerjasama yang luas, baik dengan UI maupun di tingkat Nasional dan Internasional.

# TARGETS AND ACHIEVEMENTS

## TARGET DAN PENCAPAIAN

2020	2020
1. Propose SK Rector UKK PPM FP DRRC UI	1. Mengusulkan SK Rektor UKK PPM FP DRRC UI
2. Forming organizational structure	2. Membentuk struktur organisasi
3. Appoint coordinator of each unit	3. Menunjuk koordinator masing-masing unit
4. Determine the duties & responsibilities of each coordinator	4. Menentukan tugas & tanggung jawab koordinator
5. Establishing Operational Standards Procedures of each unit	5. Menyusun Standar Operasional Prosedur (SOP) unit
6. Cooperating with internal and external institutions both national and international scale	6. Mengadakan kerjasama dengan institusi internal dan eksternal baik skala nasional maupun internasional
7. Develop a Work Plan, Budget, and monitoring	7. Menyusun Rencana Kerja, Anggaran, serta monitoring
8. Designing a promotional & marketing system	8. Merancang sistem promosi dan pemasaran
9. Implementing quality management system	9. Menerapkan sistem manajemen mutu
10. Designing a governance system based on informatics technology	10. Merancang sistem tata kelola yang berbasis teknologi informatika
11. Implementation of community service in the field of disaster	11. Implementasi pengabdian masyarakat di bidang kebencanaan
12. Implementation of Training and Online Learning DRRC UI	12. Implementasi Training and Online Learning DRRC UI
13. Seminar & Webinar Series	13. Seminar & Webinar Series
14. Preparation of Disaster Learning Book	14. Penyusunan Buku Pembelajaran Kebencanaan
15. Production of Disaster Education Video	15. Produksi Video Edukasi Kebencanaan
16. Disaster-Edu Apps Draft Design	16. Draft Rancangan Disaster-Edu Apps



# DRRC UI NETWORKING & PROJECT



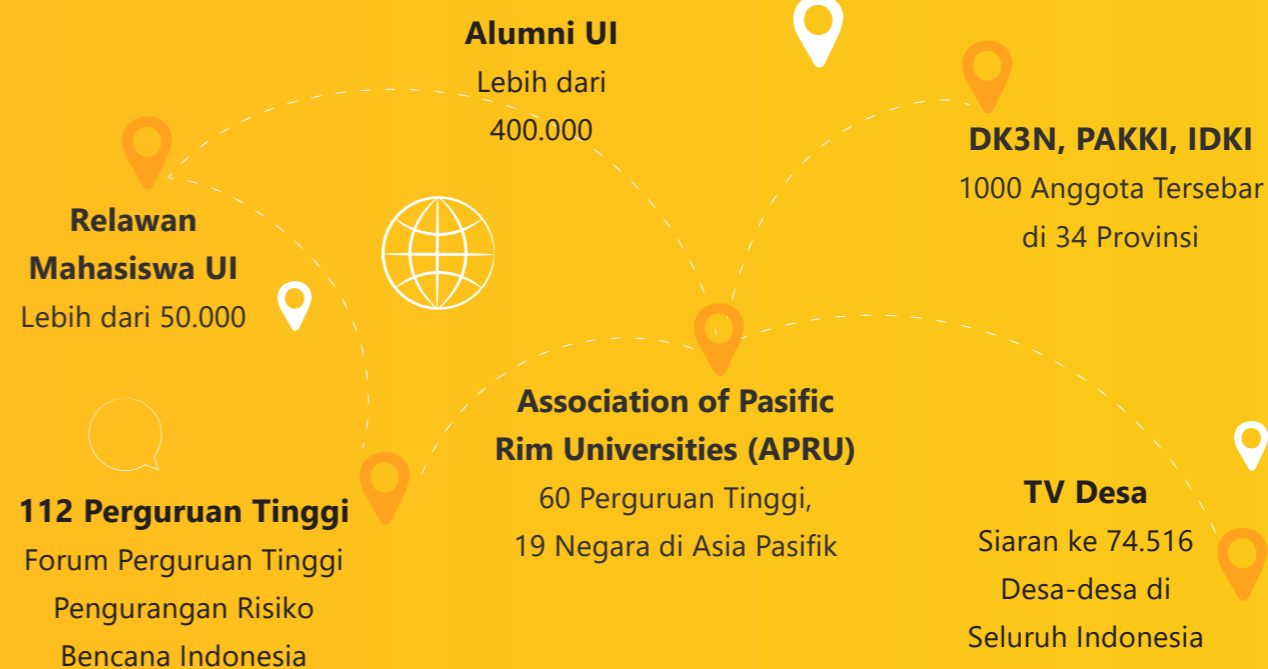
2021

2021

1. Strengthening the organizational base	1. Memperkuat basis organisasi
2. Innovating & developing programs	2. Melakukan inovasi & pengembangan program
3. Establish a good relationship with internal UI parties & external UI	3. Menjalin hubungan yang baik dengan pihak-pihak internal UI & eksternal UI
4. Conducting training & development of marketing softskill	4. Mengadakan pelatihan & pengembangan softskill pemasaran
5. Maintenance & development of IT systems	5. Pemeliharaan & pengembangan sistem IT
6. Quality Management System Certification	6. Sertifikasi Sistem Manajemen Mutu
7. Implementing a governance system based on informatics technology	7. Menerapkan sistem tata kelola yang berbasis teknologi informatika
8. Implementation of community service in the field of disaster	8. Implementasi pengabdian masyarakat di bidang kebencanaan
9. Implementation of Training & Online Learning DRRC UI	9. Implementasi Training & Online Learning DRRC UI
10. Seminar & Webinar Series	10. Seminar & Webinar Series
11. Preparation of Disaster Learning Book	11. Penyusunan Buku Pembelajaran Kebencanaan
12. Disaster Education Video Production	12. Produksi Video Edukasi Kebencanaan
13. Disaster-Edu Apps	13. Disaster-Edu Apps
14. Online & Non Disaster Game Creation	14. Pembuatan Game Kebencanaan Online & Non Online
15. Consultation, Training, Disaster Assessment	15. Konsultasi, Training, Asesmen Kebencanaan



## NETWORKING





# PROJECT

## PROYEK



- **Survey for COVID-19 in the Workplace 4 Sectors (Construction, Manufacture, Logistics & Agriculture)**  
University of Queensland, Australia
- **Survei Epidemiologi COVID-19 di Industri Pertambangan**  
Alumni UI & PT ANTAM Tbk
- **Survei Kesiapsiagaan Krisis Kesehatan PSC (Public Safety Center) di Seluruh Indonesia**  
Kementerian Kesehatan RI & WHO
- **Survei Pengalaman Pengendalian COVID-19 di 34 Provinsi Indonesia**  
Alumni UI & BNPB
- **Penyusunan Buku Saku Pesantren Tangguh Bencana**  
Kementerian Agama RI
- **Survei Persepsi Masyarakat terkait Pencegahan COVID-19 di Indonesia**  
Alumni UI & Relawan Bencana UI
- **Hospital Safety Index - Survei Kesiapsiagaan Fasilitas Layanan Kesehatan di 4 Provinsi**  
Alumni UI & PAKKI
- **Survei Pemetaan Risiko Kebakaran Wilayah DKI Jakarta**  
Pemda Provinsi DKI Jakarta
- **Survei Kajian Risiko Bencana Kabut Asap di Sumatera**  
Kementerian Kesehatan RI
- **Penyusunan Buku Saku Desa Tangguh Bencana**  
Ditjen Bina Pemerintahan Desa, Kemendagri RI
- **Survei Kesiapsiagaan Masyarakat terhadap Bencana**  
Tohoku University & BPBD Cilegon
- **Provision of Business Continuity Management System (BCMS) Development Services (DA-21-0072)**  
Saka Indonesia Pangkah Limited
- **Provision of Development e-COW System**  
Saka Indonesia Pangkah Limited
- **Studi Management Response, Crisis Management (ERCM) Blok Simenggaris, Kalimantan Utara**  
JOB Pertamina-Medco E&P Simenggaris
- **Pengembangan Sistem ERCM & BCMS di SHU**  
Pertamina Hulu Energi
- **Sistem Just and Fair Culture di PT Pertamina Hulu Indonesia**  
PT Pertamina Hulu Indonesia
- **Penyusunan Program Tindak Lanjut Hasil Audit Supreme Pertamina PT SAKA Energi Indonesia**  
Saka Indonesia Pangkah Limited
- **Jasa Pendampingan Konsultansi Implementasi Sistem Manajemen K3**  
JOB Pertamina-Medco E&P Simenggaris
- **Pelatihan Penilaian Kerentanan Keamanan bagi Industri Bahan Kimia di Indonesia**  
US CRDF
- **Pengembangan Sistem Tanggap Darurat Pengelolaan B3 dan/atau Limbah B3**  
Kementerian Lingkungan Hidup dan Kehutanan
- **Upstream Fire & Rescue Challenge (UFRC) Subholding Upstream**  
Pertamina Hulu Energi
- **The 19th Indonesian Fire & Rescue Challenge (IFRC) 13 – 23 November 2022**  
Pertamina Hulu Energi

# GALLERY PHOTOS

## GALERI FOTO



Consolidation Meeting on Youth in Science, Engineering, Technology, and Innovation (SETI) for Disaster Risk Reduction (DRR) UNESCO Jakarta Office, 29 March 2018

### ACTIVITIES 2018



1<sup>st</sup> Regional Asia Pacific Workshop on Youth and Young Professionals in Science, Engineering, Technology and Innovation in Disaster Risk Reduction Jakarta, 1-4 November 2018

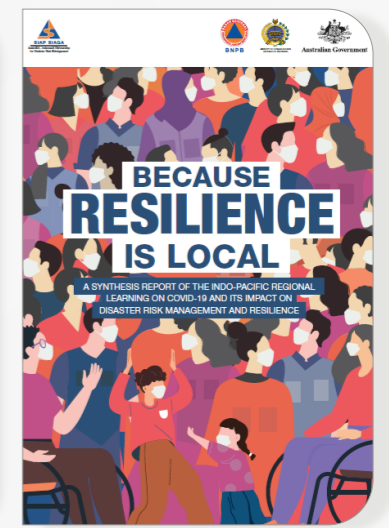


AIWEST, Sendai 7-8 November 2019

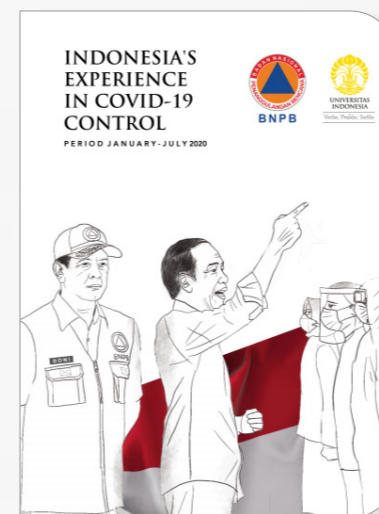


# E-BOOKS

## BUKU ELEKTRONIK



### 3 SERI BUKU PENGALAMAN INDONESIA DALAM MENANGANI WABAH COVID-19



NASIONAL



17 PROVINSI & 5 NEGARA



17 PROVINSI

# WEBINAR

## East Nusa Tenggara (NTT) Pentahelix Collaboration Against COVID-19

**Kolaborasi Pentahelix NTT Lawan COVID-19**  
Jumat, 4 September 2020  
Pukul 13.00-16.30 WIB atau 14.00-17.30 WITA

**SAMBUTAN**

**NARASUMBER**

**PENANGGAP**

Meeting ID: 878 9242 7043  
Passcode: 335668

## Book Review of Pentahelix Maluku Leadership Against COVID-19

**BEDAH BUKU PENTAHELIX KEPIMPINAN MALUKU LAWAN COVID-19**  
Jumat, 28 Agustus 2020  
Pukul 13.00-15.30 WIB atau 15.00-17.30 WIT

**SAMBUTAN**

**NARASUMBER**

**PENANGGAP**

Meeting ID: 843 5733 4244  
Passcode: COVID-19

## Tourism Village COVID-19 Disaster-resilient Webinar

**Mengapa Desa Wisata harus Gercep, Geber, Gaspol ?**  
**Penta Helix Membangun Daya Saing Desa di Tengah Pandemi COVID-19**

Hari : Minggu, 2 Mei 2021  
Pukul : 09.00 - 11.00 WIB

**Narasumber**

Peran Perguruan Tinggi dalam Membangun Desa Wisata Tangguh COVID-19  
Prof. Dra. Fatma Lestari, M.Si, Ph.D  
Kepala Disaster Risk Reduction Center Universitas Indonesia

Dukungan Perlemen dalam Menunjukkan Desa Wisata sebagai Penggerak Ekonomi Nasional pada masa Pandemi COVID-19  
Ir. H. Kamrusamad, ST., M.Si  
Anggota Komisi XI DPR RI

Menilik Desa Ecotourism dalam Lensa Pemberdayaan berbasis Masyarakat Pasca COVID-19  
Ferdinandus Watu  
Kepala Desa Detusoko Barat Ende, NTT

Kebangkitan "Negeri di Atas Awan" Pasca COVID-19, lewat Homestay yang tersertifikasi CISE (Cleanliness, Health, Safety & Environment Sustainability)  
Slamet Budiyo  
Kepala Desa Dieng Kulon, Banjarnegara, Jawa Tengah

**Moderator**  
Dr. Rachma Fitriati, M.Si, M.Si (Plan)  
Dosen Fakultas Ilmu Administrasi UI

**REGISTRASI**  
Zoom  
[http://bit.ly/Desa\\_Wisata\\_Tangguh\\_COVID-19](http://bit.ly/Desa_Wisata_Tangguh_COVID-19)

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**WEBINAR PERAN PERGURUAN TINGGI DALAM KOMUNIKASI PUBLIK PENANGANAN COVID-19 DAN PEMULIHAN EKONOMI NASIONAL**  
SABTU, 22 MEI 2021 10.00 - 12.00 WIB

**Keynote Speaker**

**Narasumber**

**Moderator**

**REGISTRASI**  
Zoom  
<http://bit.ly/registrasiwebinar22>

**LIVE ON**  
KemkomInfo TV  
Lawan Covid19 ID  
UI Teve  
DRRC UI

Webinar on the Role of Universities in Public Communication on COVID-19 Handling and National Economic Recovery collaborated with the COVID-19 Handling and National Economic Recovery Committee and the Ministry of Communication and Information Technology of Indonesia



**DRRC UI,  
International Office  
Universitas Indonesia  
(Io-Ui) collaborated  
with the APRU To  
Organize "The 16th  
Apru Multi Hazards  
Symposium 2021"**



**OHS National Month  
Webinar collaborated  
with the Indonesian  
Society of Safety  
Professional (ISSP)**



**DRRC UI attended the Global Platform for Disaster Risk Reduction held by United Nations for Disaster Risk Reduction (UNDRR) and National Agency for Disaster Management (BNPBR RI).**

**Security Vulnerability Assessment Training Collaborated with CRDF Global**

**DRRC UI, alongside UI G-20 Research-Based Policy, Faculty of Public Health UI, Persatuan Pelajar Indonesia Dunia (PPID), ITTP COVID-19 Conference 2022, held a workshop and webinar titled "Harmonization Global Health Standards Protocol for COVID-19"**



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<https://drrc.ui.ac.id>



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