Home | Site Map | Careers | Contact Us





Enter Search Keyword

17535 Articles From 86 Journals

CALL FOR PAPER February - February 2020 ISSUE



Submit an Article

Select Language | ▼

About IAEME

Authors Information

International Journals

Processing Charges

Quality of Journals

Download

Journal Subscription

International Journal of Civil Engineering and Technology (IJCIET) ISSN Print: 0976 - 6308 ISSN Online: 0976 - 6316

ISSN Print: 0976 - 6308 Volume 10, Issue 6 (2019) Copyright ©IAEME, 2019

Bibliometrics DownLoad (3 Weeks) 403 DownLoad (6 Weeks) : 817 DownLoad (6 Months) : 1617 DownLoad (1 Year) : 1665



S.No	Article ID	Title of the Paper	Authors	Pages	Downloads	How to cite this article
1	IJCIET_10_06_001	TRAFFIC ACCIDENTS, ANALYSIS AND COST MODELING Download PDF Abstract Reference	MAJED MSALLAM	1 - 14	282	<u>View</u>
2	IJCIET_10_06_002	STUDYING OF THE ROTATING HOUSE STRUCTURE, PART 1: EFFECT OF COULOMB FRICTION DAMPING Download PDF Abstract Reference	THE-HUNG DUONG	15 - 24	117	<u>View</u>
3	IJCIET_10_06_003	CONSTRUCTION WORKING USING FOAM CONCRETES THE STUDY OF LIGHTWEIGHT CONCRETE Download PDF Abstract Reference	WALAA MOHAMMED HAMZAH	25 - 34	82	<u>View</u>
4	IJCIET_10_06_004	MEASUREMENT OF LOCAL MECHANICAL CHARACTERISTICS OF MARBLE BY BROADBAND ULTRASONIC STRUCTUROSCOPY Download PDF Abstract Reference	A.N., KRAVCOV, I.A., SHIBAEV	35 - 42	35	<u>View</u>
5	IJCIET_10_06_005	WATER SCARCITY: A MAJOR CONCERN FOR CITIZENS Download PDF Abstract Reference	BIDYUT JYOTI GOGOI	43 - 53	41	<u>View</u>
6	IJCIET_10_06_006	ON THE USE OF MODE SHAPE CURVATURE FOR MULTI- CRACK DETECTION IN BEAM-LIKE STRUCTURES Download PDF Abstract Reference	THE-HUNG DUONG	54 - 65	25	<u>View</u>
7	IJCIET_10_06_008	THE DEVELOPMENT OF INTELLIGENT SYSTEMS FOR EARLY PREVENTION OF FIRE IN HIGH-RISE BUILDING BASED ON FUZZY LOGIC Download PDF Abstract Reference	YUSTINUS UPA SOMBOLAYUK, NADJAMUDDIN HARUN, HERMAN PARUNG, ZULFAJRI BASRI HASANUDDIN	80 - 88	34	<u>View</u>
8	IJCIET_10_06_009	SURVEY ON SKELETAL GAIT NORMALITY ASSESSMENT Download PDF Abstract Reference	HUU-HUNG HUYNH, VIET-HA HO, DUC-HOANG VO and VAN-SY NGO	89 - 96	23	<u>View</u>
9	IJCIET_10_06_010	SELECTIVE METHOD OF CALCULATING THE FLASH POINT TEMPERATURE USING THE PENSKY-MARTENS CLOSED CUP TESTER OF A PURE LIQUID Download PDF Abstract Reference	NGO TRUNG HOC, DANG THI BICH HOP, NGUYEN HUU DUNG, TRUONG QUANG VINH	97 - 102	23	<u>View</u>
10	IJCIET_10_06_011	MODELING ESTIMATED VS30 BASED ON TOPOGRAPHY AND GEOMORPHOLOGY FOR PADANG, INDONESIA Download	ASTRI RAHAYU, WIDJOJO A. PRAKOSO, IMAM A. SADISUN	103 - 111	16	<u>View</u>

PDF Abstract Reference

		1 DI Abstract Nelerence				
11	IJCIET_10_06_012	USING MICROCONTROLLER FOR THE MONITORING WATER LEVEL IN JENEBERANG RIVER TO CONTROL OF FLOODING AND WATER CRISIS IN MAKASSAR CITY Download PDF Abstract Reference	MUHAMMAD AMIN, NADJAMUDDIN HARUN, MUHAMMAD SALEH PALLU, ZULFAJRI BASRI HASANUDDIN	112 - 120	25	<u>View</u>
12	IJCIET_10_06_013	THE EXISTENCE OF AGRICULTURAL ASSURANCE AGREEMENT ON NATIONAL FOOD RESILIENCE PROGRAM Download PDF Abstract Reference	ZAHRY VANDAWATY CHUMAIDA, HILDA YUNITA SABRIE, BAMBANG SUGENG ARIADI SUBAGYONO, ASRI WIJAYANTI	121 - 132	21	<u>View</u>
13	IJCIET_10_06_014	STUDYING OF THE ROTATING HOUSE STRUCTURE, PART 2: EFFECT OF NON-VISCOUS PARAMETER IN ELASTIC FORCE Download PDF Abstract Reference	THE-HUNG DUONG	133 - 142	24	<u>View</u>
14	IJCIET_10_06_015	STUDYING OF THE ROTATING HOUSE STRUCTURE, PART 3: EFFECT OF DUFFING NON-LINEAR ELASTIC FORCE Download PDF Abstract Reference	THE-HUNG DUONG	143 - 154	26	<u>View</u>
15	IJCIET_10_06_016	ESTIMATION OF RUNOFF COEFFICIENT USING SATELLITE IMAGERY IN WELANG WATERSHED PASURUAN DISTRICT INDONESIA Download PDF Abstract Reference	SUHARDI, GUSFAN., H, ENTIN., H	155 - 162	16	<u>View</u>
16	IJCIET_10_06_017	INFLUENCE OF COMMUNITY' PARTICIPATION, MOTIVATION, BEHAVIOR AND TECHNICAL SUPPORT ON THE ACHIEVEMENT OF THE RURAL INFRASTRUCTURE DEVELOPMENT PROGRAM IN NORTH GOWA AND TORAJA REGENCIES, SOUTH SULAWESI, INDONESIA DOWNLOAD PDF Abstract Reference	WATONO, ANTARIKSA, AGUNG MURTI NUGROHO, ANDI TAMSIL	163 - 180	15	<u>View</u>
17	IJCIET_10_06_018	INVESTIGATING THE POTENTIAL INCREASE IN SEA LEVEL AT THE EAST COAST OF PENINSULAR MALAYSIA: TERENGGANU BY UTILISING VARIOUS MACHINE LEARNING TECHNIQUES Download PDF Abstract Reference	V. LAI, A. NAJAH AHMED, M.A. MALEK, A. EL-SHAFIE, AMR EL- SHAFIE	181 - 193	8	<u>View</u>
18	IJCIET_10_06_019	THE YULGARIZATION FOR THE PATRIMONIALIZATION OF THE KETTARA GEODIVERSITY (CENTRAL JBILET). MOROCCO Download PDF Abstract Reference	KHADIJA KAID RASSOU, BOUCHRA RAZOKI, MOHAMED YAZIDI, SAÏD CHAKIRI, HASSAN EL HADI, ZOHRA BEJJAJI, FATIMA EL HMIDI and MOHAMED ALLOUZA	194 - 214	9	<u>View</u>
19	IJCIET_10_06_020	PATTERN OF COMMUNITY-BASED LAND USE IN SALU PAKU SUB-WATERSHED IN THE UPSTREAM PART OF RONGKONG WATERSHED, NORTH LUWU REGENCY, SOUTH SULAWESI, INDONESIA Download PDF Abstract Reference	ANNAS BOCENG, SUKOSO, SOEMARNO and AMIR TJONENG	215 - 229	12	<u>View</u>
20	IJCIET_10_06_021	FIELD EXECUTIVE LEADERSHIP MODEL IN ITS INFLUENCE ON IMPROVING THE PERFORMANCE OF CONTRACTOR'S WORKFORCE IN MODERATION MOTIVATION VARIABLES Download PDF Abstract Reference	DAFID IRAWAN, INDRASURYA B. MOCHTAR and CHRISTIONO UTOMO	230 - 239	15	<u>View</u>
21	IJCIET_10_06_022	E-GOVERNMENT LEGISLATIVE CONSTRAINTS Download PDF Abstract Reference	MOHAMMAD IBRAHIM ABU EL- HAIJA, SALEEM M-SHAREEF KARA, TAMARA Y. NASEREDDIN	240 - 244	113	<u>View</u>
22	IJCIET_10_06_023	CALCULATION MODEL OF THERMAL STRESSES IN SAPPHIRE - GLASS DIELECTRIC STRUCTURE FOR PRESSURE SENSOR Download PDF Abstract Reference	S.P. MALYUKOV, A.V. KOVALEV, D.A. BONDARCHUK, YU.V. KLUNNIKOVA, A.A. KULAKOVA	245 - 252	18	<u>View</u>
23	IJCIET_10_06_024	NOTARY HONORARY ASSEMBLY AS THE STATE ADMINISTRATIVE OFFICIAL AND ITS DECISIONS AS THE STATE ADMINISTRATIVE DECISION Download PDF Abstract Reference	HABIB ADJIE	253 - 262	8	<u>View</u>
24	IJCIET_10_06_025	DIGITIZING HYDROLOGICAL PATTERNS FOR RIVER TRAFFIC SAFETY Download PDF Abstract Reference	DARRIEN YAU SENG MAH, M. A. MALEK and FREDERIK JOSEP PUTUHENA	263 - 271	33	<u>View</u>
25	IJCIET_10_06_026	RISK BASED CONTRACT MANAGEMENT TO CONTROL MATERIAL PRICE INCREMENT IN A POWER PLANT PROJECT Download	MUHAMAD RANGGA BARMANA, AYOMI DITA RARASATI and IMRAN HILMAN MOHAMMAD	272 - 281	22	<u>View</u>

PDF Abstract Reference

		PDF Abstract Reference				
26	IJCIET_10_06_027	OPTIMATION OF THE SELECTION OF LANDSLIDE MITIGATION METHODS IN ARJASA, JEMBER DISTRICT INDONESIA Download PDF Abstract Reference	RAHMAN A., FARID.,M, YENY.,D	282 - 290	17	<u>View</u>
27	IJCIET_10_06_028	WORLDWIDE WASTEWATER AND USE IN AGRICULTURE Download PDF Abstract Reference	PEDRO A. CÁRDENAS BEJARANO, JUAN P. RODRÍGUEZ MIRANDA and JHON J. FERIA DÍAZ	291 - 297	42	<u>View</u>
28	IJCIET_10_06_029	REMOVAL OF TURBIDITY OUT OF RAW WATER FOR IRRIGATION SYSTEMS BY MEANS OF FILTRATION IN MULTIPLE STAGES USING HIGH APPLICATION RATES Download PDF Abstract Reference	JHON J. FERIA DÍAZ, JUAN P. RODRÍGUEZ MIRANDA and MARINELA B. ÁLVAREZ BORRERO	298 - 305	27	<u>View</u>
29	IJCIET_10_06_030	ASSESSMENT OF OCEAN RENEWABLE ENERGY RESOURCES IN TERENGGANU, MALAYSIA Download PDF Abstract Reference	OMAR SULIMAN ZAROOG, NIGEL LEE CHIA LOCK, ALI. N. AHMED, AHMED EL-SHAFIE and AMR EL- SHAFIE	306 - 313	13	<u>View</u>
30	IJCIET_10_06_031	DAILY FORECASTING OF DAM WATER LEVELS USING MACHINE LEARNING Download PDF Abstract Reference	WONG JEE KHAI, MOATH ALRAIH, ALI NAJAH AHMED, CHOW MING FAI, AHMED EL-SHAFIE3 and AMR EL-SHAFIE	314 - 323	20	<u>View</u>
31	IJCIET_10_06_032	INFLUENCE OF INFLOW-OUTFLOW SYSTEMS FOR NATURAL MIXING IN A CIRCULAR TANK Download PDF Abstract Reference	ZAHIRANIZA MUSTAFFA, SYED MUZZAMIL HUSSAIN SHAH, MARLINDA ABDUL MALEK, WAN NORGAYAH WAN MOHD NOOR and EBRAHIM HAMID HUSSEIN AL- QADAMI	324 - 335	20	<u>View</u>
32	IJCIET_10_06_033	IMPACT OF CLIMATIC CHANGE ON RIYADH CITY RAINFALL Download PDF Abstract Reference	GAMAL M. ABDEL AAL, FAHMY S. ABDELHALEEM, TAREK H. NASR- ALLAH and ENG. HAYTHAM M. AFIFI	336 - 350	16	<u>View</u>
33	IJCIET_10_06_034	KEYPHRAS EXTRACTION FROM SCIENTIFIC ARABIC ARTICLES BY APPLYING A NEW STEAMING ALGORITHM FOR EXTRACTING ARABIC WORDS ON KEA ALGORITHM Download PDF Abstract Reference	YALMAZ NAJM ALDEEN TAHER, ABBAS HUSSEIN ALI, TAHA DARWASSH HANAWY HUSSEIN	351 - 363	11	<u>View</u>
34	IJCIET_10_06_035	ANALYSIS OF MARKET STRUCTURE, CONDUCT AND PERFORMANCE OF CORN (ZEA MAYS L.) IN KEDUNG MALANG VILLAGE, PAPAR DISTRICT, KEDIRI REGENCY, EAST JAVA Download PDF Abstract Reference	ABDUL WAHIB MUHAIMIN, LIS M YAPANTO AND VERINA WIJAYANTI	364 - 374	12	<u>View</u>
35	IJCIET_10_06_036	ROLE OF INDIVIDUAL CHARACTERISTICS AS A MODERATING EFFECTS OF AUDITOR PROFESSIONALISM ATTITUDE ON AUDIT QUALITY OF INSPECTORATE APPARATUS IN SOUTHEAST SULAWESI Download PDF Abstract Reference	ARIFUDDIN MASUD, FERDINAND AND ABDUL RAZAK	375 - 388	24	<u>View</u>
36	IJCIET_10_06_037	WAVE TRANSMISSION THROUGH CURTAINWALL PILE BREAKWATER (CPB) Download PDF Abstract Reference	SUBEKTI, DARSONO S AND YUWONO N	389 - 398	42	<u>View</u>
37	IJCIET_10_06_038	POSSIBILITY OF BIM TECHNOLOGY IN SITE SAFETY ANALYSIS AT IRAQI CONSTRUCTION INDUSTRY Download PDF Abstract Reference	HAYDER REZZAQ ABED, WADHAH AMER HATEM AND NIDAL ADNAN JASIM	399 - 410	30	<u>View</u>
38	IJCIET_10_06_039	A COMPARISON OF THE COMPRESSIVE STRENGTH OF CONCRETE BETWEEN NATURAL COARSE AGGREGATE AND RECYCLED COARSE AGGREGATE Download PDF Abstract Reference	PUNKORN CHEEWAWUTWATANAWIT, WARANON KONGSONG, SEREE TUPRAKAY, SATHIAN CHAROENRIAN, BOONTHAM HARNPHANICH AND CHAIWAT POOWORAKULCHAI	411 - 417	38	<u>View</u>
39	IJCIET_10_06_040	CORRELATION ANALYSIS OF UNIAXIAL COMPRESSIVE STRENGTH (UCS) AND POINT LOAD INDEX (IS50) OF BANKET CONGLOMERATE WITHIN TARKWAIAN DEPOSITS OF GHANA DOWNLOAD	M. AFFAM, E.N. ASARE, D. AIKINS	418 - 434	12	<u>View</u>
40	IJCIET_10_06_041	PDF Abstract Reference EXPLORE POSSIBLE CLIMATE CHANGE IMPACTS ON SURFACE FLOODING IN KELANTAN Download PDF Abstract Reference	WONG JEE KHAI, NG JIEN HUN, ALI NAJAH AHMED, CHOW MING FAI, AHMED EL-SHAFIE and AMR EL-SHAFIE	435 - 443	13	<u>View</u>

41	IJCIET_10_06_042	CAUSES AND EFFECT OF ELECTION BRIBERY ANALYTICAL AND PRACTICAL STUDY Download PDF Abstract Reference	AHMAD M. ALLOUZI, ABDULLAH A. ALKHSEILAT and AYMAN Y. ALRFOO	444 - 452	8	<u>View</u>
42	IJCIET_10_06_043	PREPARATION AND CHARACTERIZATION OF OIL PALM EMPTY BUNCHES POWDER AS A FILLER OF POLYPROPYLENE / NATURAL RUBBER Download PDF Abstract Reference	EVA MARLINA GINTING, NURDIN BUKIT, MOTLAN, DEBORA GULTOM, ERNA FRIDA, BUNGA FISIKANTA BUKIT	453 - 464	29	<u>View</u>
43	IJCIET_10_06_044	ROOTING THE ROLE OF THE JUDGE IN FORMING THE LEGAL BASE A COMPARATIVE STUDY Download PDF Abstract Reference	RAQIYA ABDELJABAR ALI, MOHAMMED ALI ZAAL AL- SHABATAT	465 - 474	6	<u>View</u>
44	IJCIET_10_06_046	ANALYSIS OF FACTORS THAT AFFECT THE RISK OF IMPLEMENTATION OF UNDERPASS PROJECT CONSTRUCTION IN MAYJEN SUNGKONO SURABAYA Download PDF Abstract Reference	MIFTAHUL HUDA	483 - 493	16	<u>View</u>
45	IJCIET_10_06_047	PARTICIPATIVE AND INCLUSIVE COLLABORATIVE MANAGEMENT OF CONSERVATION AREAS IN KAYAN MENTARANG NATIONAL PARK NORTH KALIMANTAN INDONESIA Download PDF Abstract Reference	DOLVINA DAMUS, ZAENAL KUSUMA, BAGYO YANUWIADI, IMAM SANTOSO	494 - 507	12	<u>View</u>
46	IJCIET_10_06_048	URBAN FLOOD MANAGEMENT AND MONITORING IN VRISHABHAVATHI VALLEY Download PDF Abstract Reference	D H YASHASVINI, PRIYANKA S, VIDYASHREE, VINUTHA S	508 - 512	16	<u>View</u>
47	IJCIET_10_06_049	RISK ALLOCATION MODEL FOR INDONESIA'S ROAD MAINTENANCE PROJECT UNDER PERFORMANCE BASED CONTRACT SCHEME Download PDF Abstract Reference	DENI SETIAWAN, REINI WIRAHADIKUSUMAH, KRISHNA S. PRIBADI, HARUN AL RASYID LUBIS	513 - 527	9	<u>View</u>
48	IJCIET_10_06_050	TRAFFIC CONGESTION CONTROL FOR UNPLANNED CITIES Download PDF Abstract Reference	METWALLY G. M. ALTAHER, AHMED MOHAMADY ABDALLAH, MOHAMED ABDELGHANY ELSAYED, ABD EL-RAHMAN BAZ ABD EL-SAMII MAHFOUZ	528 - 540	64	<u>View</u>
49	IJCIET_10_06_051	THE ROLE OF NATURAL CAPITAL IN THE ESTABLISHMENT OF A NEW AUTONOMOUS REGION: THE CASE OF KRAYAN, NORTH KALIMANTAN, INDONESIA Download PDF Abstract Reference	SAMUEL S.T. PADAN, ABDUL HAKIM, ENDAH SETYOWATI, AMIN SETYO LEKSONO	541 - 548	5	<u>View</u>
50	IJCIET_10_06_052	MODELING OF INDIAN OCEAN DIPOLE INDEX VIA W-GARCH METHODS Download PDF Abstract Reference	MD. NAZMUL AHASAN, MD. ABDUL KHALEK and MD. MESBAHUL ALAM	549 - 555	11	<u>View</u>

Pages 1 | 2 |

IJM | IJARET | IJCIET | IJMET | IJECET | IJEET | IJCET | IJITMIS | IJGM | IJARM | IJMHRM | IJIPR | JCET | IJLIS | JECET | JEET | JCIET | JOM | JMET

Google Scholar | Thomson Reuters' Research ID | Call For Paper | Online Paper Submission | List of Journals | Subscription | Processing Fee

Home | About IAEME | Contact Us | Payment Policy

Home | Site Map | Careers | Contact Us





Enter Search Keyword

17535 Articles From 86 Journals

CALL FOR PAPER February - February 2020 ISSUE



Submit an Article

Select Language ▼

About IAEME

Authors Information

International Journals

Journal Impact Factor (JIF)

2020 : 11.3296

2019 : 10.7810 2018 : 10.3547

2017 : 9.9845 2016 : 9.7820

2015 : 9.1215

2014: 7.9290

2013:5.3277

2012:3.1861

2011 : 1.2000 2010 : 0.8515

Imprint: IAEME ISSN PRINT: 0976 - 6308

ISSN ONLINE: 0976 - 6316

Processing Charges

Quality of Journals

Download

Journal Subscription

Journal Links

Home

Aim and Scope

Journal Description

Subject Area

Editorial Board/Review Board

Publication Ethics and Malpractice Statement

Plagiarism policy

Abstracting and indexing

Article workflow

Paper Template

Paper Preparation Guidelines

Article Processing Charges

Copyright

Online Paper Submission

Subscription

Invitation to Reviewer

FAQ

Contact us

CALL FOR PAPER

- CALL FOR PAPER JANUARY -JANUARY 2020 ISSUE
- CALL FOR PAPER FEBRUARY -FEBRUARY 2020 ISSUE

News	

INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET)

Journal ID : 2120-0203
11 Volumes 80 Issues 6175 Articles available from 2010 to 2020.
Google Scholar Profile Link



Current Issue				
Volume 11	Issue 2	February 2020	<u>Link</u> NEW	
		Previous Issue		
Volume 11	Issue 1	January 2020	<u>Link</u>	
Volume 10	Issue 12	December 2019	<u>Link</u>	
Volume 10	Issue 11	November 2019	<u>Link</u>	
Volume 10	Issue 10	October 2019	<u>Link</u>	
Volume 10	Issue 9	September 2019	<u>Link</u>	
Volume 10	Issue 8	August 2019	<u>Link</u>	
Volume 10	Issue 7	July 2019	<u>Link</u>	
Volume 10	Issue 6	June 2019	<u>Link</u>	
Volume 10	Issue 5	May 2019	<u>Link</u>	
Volume 10	Issue 4	April 2019	<u>Link</u>	
Volume 10	Issue 3	March 2019	<u>Link</u>	
Volume 10	Issue 2	February 2019	<u>Link</u>	
Volume 10	Issue 1	January 2019	<u>Link</u>	
Volume 9	Issue 13	December 2018	<u>Link</u>	
Volume 9	Issue 12	December 2018	<u>Link</u>	
Volume 9	Issue 11	November 2018	<u>Link</u>	
Volume 9	Issue 10	October 2018	<u>Link</u>	
Volume 9	Issue 9	September 2018	<u>Link</u>	
Volume 9	Issue 8	August 2018	<u>Link</u>	
Volume 9	Issue 7	July 2018	<u>Link</u>	
Volume 9	Issue 6	June 2018	<u>Link</u>	
Volume 9	Issue 5	May 2018	<u>Link</u>	
Volume 9	Issue 4	April 2018	<u>Link</u>	
Volume 9	Issue 3	March 2018	<u>Link</u>	
Volume 9	Issue 2	February 2018	<u>Link</u>	
Volume 9	Issue 1	January 2018	<u>Link</u>	
Volume 8	Issue 12	December 2017	<u>Link</u>	
Volume 8	Issue 11	November 2017	<u>Link</u>	

February 3 2020
Call for Paper (February-2020
Issue) – International/National
Journals New

October 1 2019
Google Scholar Citations New

January 16 2016
IAEME Journal Citation
December 2015 New

July 15 2015
Thomsun Reuters'
RESEARCHERID indexed

More

Volume 8	Issue 10	October 2017	<u>Link</u>
Volume 8	Issue 9	September 2017	<u>Link</u>
Volume 8	Issue 8	August 2017	<u>Link</u>
Volume 8	Issue 7	July 2017	<u>Link</u>
Volume 8	Issue 6	June 2017	<u>Link</u>
Volume 8	Issue 5	May 2017	<u>Link</u>
Volume 8	Issue 4	April 2017	<u>Link</u>
Volume 8	Issue 3	March 2017	<u>Link</u>
Volume 8	Issue 2	February 2017	<u>Link</u>
Volume 8	Issue 1	January 2017	<u>Link</u>
Volume 7	Issue 6	November - December 2016	Link
Volume 7	Issue 5	September - October 2016	Link
Volume 7	Issue 4	July - August 2016	Link
Volume 7	Issue 3	May - June 2016	Link
Volume 7	Issue 2	March - April 2016	Link
Volume 7	Issue 1	January - February 2016	Link
Volume 6	Issue 12	December 2015	Link
Volume 6	Issue 11	November 2015	Link
Volume 6	Issue 10	October 2015	Link
Volume 6	Issue 9	September 2015	Link
Volume 6	Issue 8	August 2015	Link
Volume 6	Issue 7	July 2015	Link
Volume 6	Issue 6	June 2015	Link
Volume 6	Issue 5	May 2015	Link
Volume 6	Issue 4	April 2015	Link
Volume 6	Issue 3	March 2015	Link
Volume 6	Issue 3	February 2015	Link
Volume 6	Issue 2	January 2015	Link
Volume 5	Issue 12	December 2014	Link
Volume 5	Issue 12	November 2014	Link
Volume 5	Issue 10	October 2014	
Volume 5	Issue 9		<u>Link</u> Link
		September 2014	
Volume 5	Issue 8	August 2014	Link
Volume 5	Issue 7	July 2014	<u>Link</u>
Volume 5	Issue 6	June 2014	<u>Link</u>
Volume 5	Issue 5	May 2014	<u>Link</u>
Volume 5	Issue 4	April 2014	<u>Link</u>
Volume 5	Issue 3	March 2014	<u>Link</u>
Volume 5	Issue 2	February 2014	<u>Link</u>
Volume 5	Issue 1	January 2014	<u>Link</u>
Volume 4	Issue 6	November - December 2013	<u>Link</u>
Volume 4	Issue 5	September - October 2013	Link
Volume 4	Issue 4	July - August 2013	Link
Volume 4	Issue 3	May - June 2013	<u>Link</u>
Volume 4	Issue 2	March - April 2013	<u>Link</u>
Volume 4	Issue 1	January - February 2013	<u>Link</u>
Volume 3	Issue 2	July - December 2012	<u>Link</u>
Volume 3	Issue 1	January - June 2012	<u>Link</u>
Volume 2	Issue 2	July - December 2011	<u>Link</u>
Volume 2	Issue 1	January - June 2011	<u>Link</u>
Volume 1	Issue 1	January - December 2010	<u>Link</u>

EDITORIAL BOARD				
Chief Editor				
Kadhim Naief Kadhim	College of Engineering, Babylon University, IRAQ			
iging Editor				
H.T.Basavarajappa	Department of Studies in Earth Science, University of Mysore, India			
Associate Editors				
V.Antony Joe Raja	Sri Muthukumaran Institute of Technology, India			
	Editor Kadhim Naief Kadhim Iging Editor H.T.Basavarajappa ciate Editors			

101.	B. Arthi Gandhimathi	IAEME Publication, India
Dr.	N. Tamil Selvan	IAEME Publication, India
Er.	D. S. Chengalvarayam	IAEME Publication, India
Сору	Editors	
Mr.	K.Prasanth	IAEME Publication, India
Mr.	T.Nagarajan	IAEME Publication, India
Edito	rial Board	
Dr.	Mariappan.P	TWAD BOARD, India.
Dr.	Saleh Abd El-Aleem Mohammed El-Awney	Fayoum University, Fayoum, Egypt.
Or.	Yongwei shan	Oklahoma state university, USA.
Dr.	Pei tang	JCMS, Inc- Mercerville, USA.
Dr.	Najm alghazali	Babylon University, IRAQ.
Or.	Moises diaz-cabrera	University of Las Palmas de Gran Canaria, Spain.
Or.	Cristina T. Coquilla	PIMSAT Colleges Dagupan City, Philippines.
Or.	Ammar Al-Ojaili	Higher College of Technology / Muscat, Sultanate of Oman.
Or.	Mohsen Sherif	College of Engineering, UAE University, UAE.
Or.	Alireza bahrami	Islamic Azad University-Ahvaz Branch, Iran.
Or.	Fred Boadu	Duke University Durham, USA.
Or.	Mirko Mazza	Università della Calabria, Italia
Or.	Taha Ibrahim	Benha University,Egypt
Prof.	Ragab Megahed Abd El-Naby	Benha University,Egypt
rof.	Fabio Mazza	University of Calabria, Italy
Or.	Ali Akbar Firoozi	Universiti Kebangsaan Malaysia, Malaysia
Or.	Wilson Udo Udofia	University of Uyo, Nigeria
Ēr.	Behnaz H. Zaribaf	Georgia Institute of Technology, Atlanta, GA, USA
Or.	Srijit Biswas	Manav Rachna International University, Faridabad, India
Or.	PL Meyyappan	Kalasalingam University, India
rof.	Anne Mary J	Vel Tech Dr. RR & Dr. SR University, Chennai,
Or.	Vikas Srivastava	Sam Higginbottom University of Agriculture Tech & Sciences, UP-India
Or.	A.Siva Sankar	KL University, India
Or.	P. Perumal	Vignan University, India
Prof.	Gloria Terenzi	University of Florence, Italy
Or.	A. Vijayakumar	GMR Institute of Technology, Rajam, Andhara Pradesh, India
Or.	Satish kumar Moparthi	Kallam Haranadha Reddy Institute of Technology, Andhra pradesh, India
Or.	N.Sivakumar	SSN College of Engineering, Tamilnadu, India
r.	Dr. Babu Rao Gudipudi	Narasaraopeta Engineering College, Andhra Pradesh, India
Or.	Mattia Rapa	Sapienza University of Rome, Italy
Or.	Valentine Yato KATTE	Higher Technical Teacher Training College (HTTTC) Bambili, Cameroon
Dr.	Komal P.Mehta	ITM, Universe, Vadodara, Gujarat, India
Prof.	Aamer Najim Abbas	Mustansiriyah University/College of Engineering/Water Resources Engineering Department, Iraq
Dr.	T. Phani Madhavi	Narasaraopeta Engineering College, Andhra Pradesh, India

Reviewer Board

Dr. Ajit Kumar Indira Gandhi National Open University (IGNOU), New Delhi, India

 Dr.
 S. Robert Ravi
 PSR Engineering College, Tamil Nadu, India

Dr.	Syed Anisuddin	Caledonian College of Engineering, Sultanate of Oman
Dr.	K. Ramu	JNTU College of Engineering, Kakinada, India
Dr.	Anant Parghi	S.V.National Institute Of Technology, Gujarat, India.
Er.	Sadam Hade Hussein	Universiti Tenaga Nasional, Malaysia
Dr.	P.Muthupriya	Sri Krishna College of Technology, Coimbatore
Prof.	Anuj Chandiwala	Chhotubhai Gopalbhai Institute of Technology Gujarat, India
Er.	Ali Amer Karakhan	University of Baghdad, Iraq
Dr.	S.Bhagavathi Perumal	R.M.K.College of Engineering and Technology, Tamilnadu, India
Dr.	Sujatha Unnikrishnan	Christ Deemed to be University, Bangalore, India

IJM | IJARET | IJCIET | IJMET | IJECET | IJEET | IJCET | IJITMIS | IJGM | IJARM | IJMHRM | IJIPR | JCET | IJLIS | JECET | JEET | JCIET | JOM | JMET

Google Scholar | Thomson Reuters' Research ID | Call For Paper | Online Paper Submission | List of Journals | Subscription | Processing Fee

Home | About IAEME | Contact Us | Payment Policy

International Journal of Civil Engineering and Technology (IJCIET)

Volume 10, Issue 06, June 2019, pp. 121-132, Article ID: IJCIET_10_06_013 Available online at http://www.iaeme.com/ijciet/issues.asp?JType=IJCIET&VType=10&IType=6 ISSN Print: 0976-6308 and ISSN Online: 0976-6316

© IAEME Publication

THE EXISTENCE OF AGRICULTURAL ASSURANCE AGREEMENT ON NATIONAL FOOD RESILIENCE PROGRAM

Zahry Vandawaty Chumaida, Hilda Yunita Sabrie, Bambang Sugeng Ariadi Subagyono

Airlangga University, Surabaya – Indonesia

Asri Wijayanti*

University Muhammadiyah of Surabaya - Indonesia *Corresponding Author

ABSTRACT

Law protection towards farmer particularly rice farmers, are really needed because of the risks that they face towards planted crop. The risk or damaged of paddy crop which is planted, definitely will disadvantage farmers. The disadvantage risk occurred must be anticipated precisely because will potentially weaken the farmers' motivation to develop their farming or even could threaten the national food resilience. Food and Agricultural Organization estimates most of the world's countries (especially developed tropical countries) will face a hard challenge to sufficient their food resilience. Because of that, the recent government is promote a program to increase the agricultural result by national food resilience program, which is definitely very impacting on food production that is planted by all farmers. Food resilience program by government is gifted to all farmers by giving the protection to agricultural production by agricultural assurance program. Agricultural assurance program which is undertaken by government is hoped to assist farmers on increasing agricultural production and giving the disadvantaged agricultural assurance risk program based on agricultural production which is planted by farmers. That agricultural assurance program is hoped also would giving protection to all farmers toward catastrophe which is probably happened, based on the damaged risks towards the planted crop especially rice. Rice plant as a main food for Indonesia citizen definitely must be protected and gifted incentive toward farmers who plants that. Hence, agricultural assurance program will be very helpful to increasing the agricultural production in terms of government national resilience food program.

Key words: Agricultural assurance, national food resilience program.

Cite this Article: Zahry Vandawaty Chumaida, Hilda Yunita Sabrie, Bambang Sugeng Ariadi Subagyono, Asri Wijayanti, The Existence of Agricultural Assurance Agreement on National Food Resilience Program, *International Journal of Civil Engineering and Technology* 10(6), 2019, pp. 121-132.

http://www.iaeme.com/IJCIET/issues.asp?JType=IJCIET&VType=10&IType=6

1. INTRODUCTION

Technically, the effort activity at agricultural sector will be always faced to unsure high risk. The unsure risk encircles failure crop which is caused by catastrophe like flood, dryness or plant disturbance organism attack and climate changes. The unsure and high risk is very enable farmers to move other commodity effort which has high economized by more little failure risks. The risks on agricultural are not only impacting all farmers, but also giving the impact as a whole to agribusiness value chain [1]. If this thing left, it will impact on national food resilience stability, particularly on the production and availability on rice main comestibles.

Food resilience program is initiated by government offer's one of the compensation's way crop failure through agricultural assurance. [2] Based on agricultural living value, those are advanced, ecological friendly, sustainable, law must encourage also guide, so that the agricultural living technically always become more perfect and advantage all parties. [3]

In an attempt to manifest the national food resilience by President Joko Widodo, targets the control of food import by food productivity increasing way in the country, eradication Mafioso import and develop agricultural export based on agricultural process. Hence, when the harvest failure happens, mainly because of catastrophe, farmers will not burden the lost, because the farming land has already assurance.

The risk experienced by farmers was probably because of pest, weather or catastrophe. This thing surely will be the disadvantage for farmers. Hence, President Joko Widodo held to give protection to farmers based on the suffered risk by giving assurance protection. According to Robert Meh, states five ways to overcome the risks, those are:

- Risk avoidance, by not doing the activity which gives the lost potential.
- Risk reduction, by smaller the lost potential.
- Risk retention, by not doing for all what makes the risks could be happened.
- Risk sharing, by moving the risks to other parties, by reassurance.
- Risk transferring, by moving the risks to other parties like Assurance Company.

Risks can define as uncertainty of financial lost, which is inside, there are two elements, and those are movement lost and uncertainty [4]

The big risk can be measured by goods value which experiences outside the burdened mistake, hence the risks could be move to lost assurance company in the form of premium. The risks movement balances by premium payment form to Assurance Company. The lost in each few periods depends on the policy which are in assurance agreement. This risk benefit is obtained by the insured.

The lost risk that comes must be anticipated precisely, because will be potentially weaken the farmer motivation to develop the agricultural effort or even could threaten national food resilience. Food and Agricultural Organization (FAO) estimates, that a few countries in the northern area, even is being benefited. However, the most parts of countries in the world (mainly developed tropical countries) will be estimated face the harder challenge to suffice the food need [5] The benefit that is probably derived from agricultural assurance program is as follows: [6]

By agricultural assurance, the risks that happen in agricultural commodity production could be
decreased. Hence, it means by giving an economized incentive, particularly relates to the high
production fee for adopting the recent technology usage for farmers.

- Besides that, the agricultural assurance could have a role on stabilize the credit institution, because the agricultural assurance could guarantee the farmers ability to pay back the loan debt to loan giver institution, mainly if there is a harvest failure.
- Enable the government aid continual which is done based on the business count. It is more rational than the catastrophe countermeasure programs that incidental characterized, to overcome the gravity which is experienced in a particular years.
- Create the stabilized and certainty on agricultural sector. Hence, prevent the migration event to all farmers towards to urban centers that cause problems.
- Agricultural assurance could be considered as allowance transfer program to farmers. (Those are poor categories).
- Save and create the vacancy in order to develop the agricultural sector

Assurance Company undertakes all kinds of effort so that could stay widen and advance the business, which undertakes all this time. One of the steps that has to done, by issued all kinds of new products and more innovative for the customers. As the company goes, the assurance company also could issue many kinds of products that could be chosen and used as the customers' need, likes the researcher will review on the research about the agricultural assurance agreement, which is ruled on legislations Number 19 year 2013 about farmer protection and empowerment.

The agricultural assurance activity is also guided on the assurance agreement principles publicly. Those are [7]:

- Principle of Insurable Interest
- Principle of Indemnity
- Utmost Good Faith
- Subrogation

Assurance Company is a party that bears the risks movement based on the risks movement or lost which is accepted by person or business entity as the insured that corresponds to agreed agreement. Giving the guarantee scope based on the responsibility risks or damaged who's suffered by consumer [8]

In *KUHD* filled three clause, particularly about the agricultural production failure which is assurance, those are 299, 300 and 301 clauses [9] It is important to set until the responsibility based on the lost, will be probably struck the farmer agricultural production. This agricultural lost determination is through the agricultural production and not based on the planted kind price on the ground at a particular time.

Besides act as the agricultural assurance premium payment subsidy giver, the legislation Number 19 year 2013 about farmer protection and empowerment also particularly mandate the government, whether central or rural, to be also involved as Assurance Company in terms of that there is crop failure lost. Legislation 37 verse (1) Legislation Number 19 Year 2013 about the farmer protection and empowerment explain government and rural government as the authority, is obligated to protect the farming, which is done by farmer as stated on clause 12 verse (2) in the form of agricultural assurance. Hence, in the case of crop failure lost on clause 37 verse (2) Legislations Number 19 year 2013 about farmer protection and empowerment. Those are because of catastrophe, plants disturbance organism attack, climate changes and kind of risks. Hence the government is mandated to give protection to all lost farmers.

Assurance policy is generally limited or controlled by provisions legislation book civil law or *Burgelijk Wetbook* (next called BW) as follows:

Clause 1337 BW "a clause is prohibited, if that clause is prohibited by legislations or contradicted with moral or public order.

Clause 1338 verse (3) BW "all agreement whose made by parties, must be done by good intention

Clause 1339 BW "the agreements are not only tied to things that are firmly stated inside, but also to all things that are according to that agreement characterized, must be based on decency, custom or legislations".

Those provisions above explain that in terms of deciding clauses or prerequisites on a standard agreement could be applied and tied all parties. The parameter is legislations, moral, public order, decency and custom also good intention. The burdened as the party who accepts to risks' movement, means tied themselves to compensate, if there is a risk which promises a lost or missed reality. The obligation to compensate makes the assurance company has right to receive premium from the burdened, mainly because as the premium assurance company is very needed to operate the healthy company.

Legislations Number 18 year 1999 about the consumer protection gives the law protection to all farmers on agricultural assurance agreement. Agricultural assurance farmer in terms of this is as consumer Assurance Company which is premium subsidized from government. For protecting the consumer generally and remind the weak consumer position. Hence, he must be protected by law [10] [11], because the law goal is giving law protection to society [12] [13]

Agricultural Assurance Company must give the farmer rights as agreed on the agricultural assurance policy. Agricultural Assurance Company must undertake and serve farmers righteously, give transparent information, good intention and giving compensation as the agricultural assurance agreement. Besides agricultural assurance, there is law protections to farmers that would make farmers could do maximally on running the agricultural production. Clauses 18 Rule Ministry Number 40 year 2015 about agricultural assurance facility explains farm [8]er receive premium assistance as meant on Clause 17, must be joined in farming group, and has actively involvement. If the unpredictable events are happening, then it changes the lost cause. The risks become burden insured, changes then be the compensation which must be fulfilled by the insured. From the risk control side, Assurance Company plays a role as the insured, before the claim which is proposed by consumer [14] This risk control is to find the probable risks which appears from a company or an effort to assist a company on avoiding the risk, prevent or decrease the lost numerous or decrease the unwanted effect from a risk [15]

Agricultural sector is an effort that has high risks toward nature condition and susceptible towards pest also disease, which is caused by production shortage, even crop failure also the price fluctuation risks. Hence, the farmers' income decrease or lost. Those farmers risk impact will suffer great lost, so that the next effort is not having another capital or even all farmers borrow needy credit to give back. Hence, it makes a non performing loan. One of the efforts that need to be undertaken genuinely is to decrease or smaller risks are by introducing agricultural assurance.

Reviewing the above description, so that the writer wants to lift law issue as to assurance company responsibility, that relates to food resilience program by government and law protection to farmers, towards agricultural assurance agreement to food resilience program by government. Agricultural assurance is a wise effort by government on giving protection to farmers and could undertake the national food resilience program. Most farmers is a poor group, that becomes more impoverished, if they experience crop failure. Based on the description above, then the law issues which would be researched are about:

- Assurance company responsibility that relates to food resilience program by government.
- Law protection for farmers, also the obstacles towards agricultural assurance agreement to national food resilience program, if experiences crop failure.

2. METHOD

This research is legal research using statutes and conceptual approaches. Normative legal research is legal research that places law as the norm system. [16] Legal materials used include primary, secondary [17] and tertiary materials. [18] . The method used in legal research is done by examining legal materials as an existing library [19]. The material of this study is to analyze the articles in the law relating to the role of the agreement on agricultural insurance in protecting the interests of farmers who experience crop failure in order to improve national food security. The analysis of legal issues is using interpretation or legal construction. [20]

3. DISCUSSION

As the manifestation on food resilience by President Joko Widodo, targets to control food import by increasing the food productivity in the country, eradication import mafia and also develop the agricultural export, based on agricultural process. *World Bank* defines that food resilience or food security is access by all people at all times to enough food for an active and healthy life. Hence, each person has access physically and economically toward food, so could be lively healthy and active [21]

The government tries to protect agricultural protection by manifesting agricultural assurance program. Therefore, when it is happened, mainly caused by catastrophe, farmers will not be burdened their own lost, because the farming land has already insurance. Technically, the effort activity in agricultural sector will face to uncertain high risks. The uncertain risks encircle crop failure level, which is caused by catastrophe like flood or drought, and plant disturbance organism attack. The assurance company is a party that will receive risk transition from someone that wants to switch the risk.

The wise breakthrough that government is done at food problem is an effort to manifest the national food resilience. Overcoming the farmers lost, government will assist the farming business protection in the form of agricultural assurance, as stated on legislations Number 19 year 2013 about farmer protection and empowerment. The agricultural assurance implementation according to clauses 37 verse (2) Legislations Number 19 year 2013 about the farmer protection and empowerment are undertaken by protecting farmer from crop failure lost caused:

- Catastrophe
- Attack of plant disturbance organism
- The plague of contagious animal disease
- Climate changes impact, and/or
- Other risk kinds that ruled by Ministry.

Generally, the kind risks that can be grouped, divided into three groups, those are [22]

- Pure risk is a risk that if only truly happened, would give the lost. In additional, if only it does not happen, then will give the lost.
- Speculative risk is a risk that relates to the two probable events, those are the probability to get advantage and disadvantage.
- Individual risk is a risk that faced on daily life like personal risks, wealth and accountability.

Agricultural insurance include the lost assurance, because there is a pure risk which is caused by catastrophe like flood, drought, and plant disturbance organism which could cause the farmer lost. Agricultural Assurance Company gives protection for farming business. Then, in the farming business assurance, gives protection before the plant damaged by giving the limitation as follows based on Ministerial Decree Number 2 of 2016 about Rice Farm Business Insurance Premium Assistance.:

- a) Flood is inundated the farming land for growing plant periods in a particular depth and periods. Hence, it would decrease the plant production level
- b) Drought is un-fulfillment the water plant need in a few periods growing plant, which causes by plants' growing is not maximal. Therefore, decreasing the plant production level.
- c) Plant disturbance organism is an organism that could disturb and damage the plant ive or die to food plant, including:
 - Plant pest: stem borer, brown stem aphis, grasshopper, mice, caterpillar and golden snail.
 - Plant disease: Blast, brown spot, tungro, stem spoiled, ragged stunt virus (RRSV)

Jasindo assurance company is state owned enterprises that shown by government as the company who handles this agricultural assurance, like in clause 38 verse (1) legislations Number 19 year 2013 about the farmer protection and empowerment, and clause 22 rule agricultural ministry Number 40 year 2015 about the agricultural assurance facility. After that, it is explained Clause 38 Legislations Number 19 year 2013 about farmer protection and empowerment, as follow:

- Government and rural government as the authority that mandated to state own enterprises in assurance field on implementing agricultural assurance.
- Agricultural assurance implementation as stated on verse (1) that implemented as legislation rules provisons

Jasindo Assurance Company by agricultural official helped by (official duty implementation unit / field instructor officers) undertakes socialization to numerous areas in Indonesia, particularly rice producer. Giving lessons as to the importance agricultural assurance foe protecting the farming business, but in the implementation, there are challenges on doing socialization all farmers, to introduce agricultural assurance [23]

The risks that are being assurance by all farmers, it could be mentioned explicitly in the policy, what risks that could be guaranteed by assurance company. If that risks or one of the risks, could cause the lost to agricultural that is being assurance. Therefore, the assurance company will give compensation as the amount of lost, that are being promised. For instance, the experience of Bukur village farming group, Bojong district, Pekalongan town got a compensation claim assurance from Jasindo, because of the paddy plant that width 10 hectare, is damaged by mouse pest. [24]

Agricultural assurance in Indonesia is indemnity based characterized or compensation, where the assurance company will do the compensation based on the lost or damaged, that is really happened and experienced by farmer. In terms of the lost caused by risks which are policy guaranteed, then agricultural assurance members must done the claim steps as follow [25]:

- Reporting the lost or organism disturbance attack to field instructor officers nerby, then
 altogether with Officers Control Plant Pest Organisms-Observer Pest Disease done the
 avoiding undertake before the attack.
- Reporting as soon as possible, if there is a lost to Jasindo, at the very least seven days since the lost/organism plant disturbance attack.

- Altogether with Officers Control Plant Pest Organisms-Observer Pest Disease help the Jasindo officers to survey the lost location
- Completing the support document claim as the rice farming business assurance guide, those are:
 - o The damaged notice form that has been fulfilled by content and signed.
 - o The damaged check official report that has been fulfilled or signed.
 - o Assurance policy photocopy / policy certificate as the attachment.
 - Damaged images
 - o 20% premium payment slip

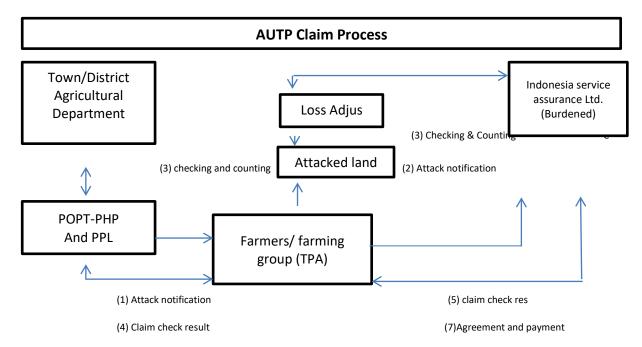


Figure 1 Claim process picture AUTP

4. EXPLANATION

If the agricultural implementation is being lost/damaged to rice farming business, hence as soon as possible, farmers report to Jasindo as the assurance company. Then, will be followed up by assurance company party, is helped by party from agricultural official area, to go to the field to review the agricultural business land data. Such as in agricultural group, there is one hectare farming land, that divided into five terraces and the lost claim is only one terrace land, therefore the compensation is that one terrace land. After the claim process steps are finished, they should then wait to get claim agreement from Assurance Company. If it is stated to agree towards claim that is proposed, then compensation payment like ruled on rice agricultural business assurance guide as follows:

- Payment based on claim is proposed, caused the crop failure as the damaged level happened,
- Payment compensation based on claim that is undertaken, at the very least 14 (fourteen) days calendar since the official report on damaged check result
- Compensation payment is undertaken through the overbooking application to the insured account

Farmer to this agricultural assurance agreement is as consumer because of the customers from Jasindo Assurance Company. Agricultural assurance policy is a standard agreement prepared and set by Assurance Company that must be agreed by the farmer. Agricultural agreement content is confirmed partly by Assurance Company, while those who are not involved also determine the agreement content. After the assurance agreement, the farmers only need to sign the assurance agreement of policy.

Policy, a standard clause as mentioned in article 18 verse (1), verse (2), verse (3), and verse (4) legislations Number 8 year 1999 about consumer protection, explained that the standard clause inclusion principle in each standard agreement is not prohibited. However, the standard inclusion that burden and disadvantage the consumer as stated on legislations Number 8 year1999 about consumer protection is not allowed.

Standard clause which is stated on policy is not deviating but it may be cancelled if it is not suitable as the explained rule above. Farmer as the creditor is obligated to pay the premium to get protection from debtor. Otherwise, the assurance company as debtor is obligated to give protection as the compensation based on the agreement risks.

Based on the national law guide entity research production, the weaken factors for consumers are as followed:

- The low consumer awareness level about their rights is still.
- Consumer society has not been conditioned, because the society has not known after their
 rights and where the right is distributed, if gets difficulties or shortage from good standard or
 reasonable service.
- Consumer society has not been conditioned as a society that has willing to fulfill their rights.
- Complicated court process and continuous period.
- Consumer position is still weak.

Consumer has bigger risk from Assurance Company, which is caused by weak offering position. Therefore, the farmers' right is very risky to be violated. Consumer right is ruled in clause 4 Legislations Number 8 year 1999 about consumer protection, which is stated by consumer right as follows:

- Right based on comfort, security and safety in good/service consuming
- Right to choose good or service and get those goods or services as the exchange and condition, also the promised guaranteed condition.
- Right after the right information, clear and honest as to the condition and good or service guarantee.
- Right to be opinion's heard and complain after the good or service, which is used.
- Right to get advocate, protection and finishing the dispute consumer protection decently
- Right to get the consumer guidance and education
- Right to be treated or served righteously and honestly, also not be discriminative
- Right to get compensation, if there are goods or services, those are not acceptable as the agreement or as stated.
- Rights to be ruled in other legislations rule provision.

Clause 39 verse (2) Legislations Number 29 year 2013 about the farmer protection and empowerment, explains that each farmer becoming the members of agricultural assurance get the below facilities:

- The registration simplicity to be member
- The simplicity access towards the assurance company
- Assurance program socialization towards farmer and assurance company and/or;
- Premium payment assistance

Furthermore, clause 31 Legislations Number 40 year 2014 about the assurance explains as follows:

- Assurance agent, assurance brokers, re-assurance brokers and Assurance Company are obligated to apply all skills, attentions and precisions in serving or transact with policy holder, third party administrator or members.
- Assurance agent, assurance broker, reassurance brokers and assurance company are obligated
 to give right, not fake or mislead to policy holder, third party administrator or risks, functions,
 obligations and fee burdened that relate to assurance product or sharia assurance product
 which is offered.
- Assurance Company, sharia Assurance Company, Reassurance Company, sharia reassurance company, assurance broker company, and reassurance broker company, that is obligated to handle the claim and complaint through fast, simple, accessible and justice process.
- Assurance company, sharia assurance company, reassurance company and sharia reassurance company are prohibited to undertake which can slower the claim finishing or payment, or do not undertake, so that it can slower the claim finishing or payment.
- The continual conditions as to the claim handling and complaint through fast process, simple, accessible and just as stated on financial service authority rule.

Rights and facilities above are given to all farmers as the law protection form to be agricultural assurance member. The government also involves the farmer empowerment trough clause 55 verse (1) Legislations Number 29 year 2013 as to the farmer protection and empowerment by giving available agricultural land guarantee to all farmers. The existence of farmers' empowerment in their farming business activity as stated on one of the principles that exist on consumer protection.

In the relation of farmers and rights, one of main ways in achieving the balance between law protections for farmers by assurance company protection, is enforcing the farmers' right. Besides the compensation protection giving to agricultural production, government is also obligated to protect farmer rights' that undertakes the agricultural assurance as clause 4 Legislations Number 8 year 1999 about the consumer protection. One of the main rights that are received by farmers is receiving compensation payment after the agricultural land, that has been assurance and get premium assistance. The assistance premium payment 144.000 rupiahs,- per hectare per planted season (80%) which is given by government party to farmer/farmer group, that is obligated to be used for paying the rest to Jasindo assurance company. Next premium rest is paid by farmer as big as 36.000 Rupiahs per hectare per planted season (20%). The aid premium payment from government and the shortage rest self-help premium payment farmer, directly aims to Jasindo Assurance Company.

The challenge faced in agricultural assurance is by socializing the problem to all farmers. The difficult implementation is caused by the farmers' low education degree, so that they might not be able to understand the importance of Assurance Company. The lack of knowledge becomes the challenge on socializing the program from that government. Therefore, it is unfortunate the farmers could not use subsidized the fund which is budgeted by central government.

Besides, protecting the farming business from crop failure risks, farmers become he agricultural assurance member, also protect the all behalf in implementing the process. Such

as, all farmers right which receive the premium payment aid and get the compensation claim payment. The Guidelines for Consumer Protection (general principle) United Nation Resolution Number 39/248 year 1985, also patterned all consumer importance which is protected encircles:

- Consumer protection from healthy and safety dangerous
- Promotion and protection to al consumer economy interest;
- Information provision which is sufficient enough for consumer to give their ability on implementing the right choice as willed and personal need.
- Consumer education, including the education of environment effect, social and economy based on their choice.
- Compensation effort provision which is effective enough.
- Freedom to form the consumer organization or that organization to voice their opinion, in terms of decision taking claim by their relevant interests
- Continual consumption pattern promotion

Assurance Company is not justified to do the finishing slower undertaken or claim payment, or not doing the action as it should be done. Therefore, it makes the delayed finishing or assurance claim payment, that could be sanctioned, such as warning, business activity limitation, and business permit retraction sanction, that is being explained at clause 71 verse (1) Legislation Number 40 year 2014 about assurance.

Clause 19 Legislations Number 8 year 1999 about consumer protection, patterns the consumer lost as follows:

- Business doer is responsible to give the compensation, after the damaged, profanation or consumer lost, because of the service or good consumption which is produced or traded.
- Compensation as it meant on verse (1), that could be money replacement or service/goods replacement or on a par, health maintenance, and allowance giving which suits to applied legislations confirmation.

In the agricultural assurance implementation, has not been happened the dispute between the assurance company party and assurance member. The agricultural assurance activity is still new on Indonesia society, particularly to all farmers. Agricultural assurance is treated trial to 2011 to 2013 and starts to be socialized on the President government and JK to program the national food resilience.

5. CONCLUSION

- The assurance company responsibility relates to food national program by government, is by giving the compensation to farmers that experiences the lost, because of flood, drought and plant disturbance organism attack, which is guaranteed by rice agricultural business assurance policy. Therefore, government is trying to increase the national food resilience, mainly on the source of increasing from the production increasing on agricultural sector, particularly on rice agricultural business.
- Law protection for farmers towards the agricultural assurance agreement to national food resilience program, if there is a crop failure is by giving the farmer rights like mandated on legislations. One of them is legislations Number 29 year 2013 about farmer protection and empowerment. The form of farmer law protection is also ruled on legislations Number 21 year 2011 about financial service authority, which explains the existence of financial service institution. It is the implementation institution on assurance sector. The challenge in agricultural assurance is socialize the problems to all farmers. The implementation is not easy

because the low farmer education degree, so that it does not truly understand the importance of agricultural assurance.

ACKNOWLEDGEMENTS

- Thank's for Ministry of Research, Technology and Higher Education of the Republic of Indonesia
- PT Asuransi Jasa Indonesia

REFERENCES

- [1] R. Iturrioz, Agricultural Insurance, The International Bank for Reconstruction and Development The World Bank, -: The World Bank, 2009.
- [2] -, "Presiden RI.go.id, Increased Food Productivity for Managing Food Security".
- [3] Koerniatmanto Soetoprawiro, Introduction to Agricultural Law, Jakarta: Gapperindo, 2013.
- [4] C. T. S. Kristiyanti, Consumer Protection Law, Jakarta: Sinar Grafika, 2008...
- [5] S. d. A. R. Nurmanaf, "Knots of Development Strategy for Agricultural Insurance for Rice Farmers in Indonesia in". *the Agro Economic Research forum Vol. 25 (2).*
- [6] ", Faculty of Agriculture,," in *Symposium Proceedings Agribusiness Insurance*, Bogor, 1993.
- [7] Z. V. Chumaida, , Insurance Law, Lecture Notes, Surabaya: Faculty of Law, Airlangga University, 2013.
- [8] M. S. Mayersonx, "Perfecting and Pursuiting Liability Insurance Coverage a Primer for Policyholders on Complying with Notice Obligation," *Tort & Insurance Law Journal*, vol. 12, 1997.
- [9] D. Prakoso, Indonesian Insurance Law, Jakarta: Rineka Cipta, 2004.
- [10] A. Wijayanti, Sudarto, Satria Unggul WP, Achamad Hariri, Nur Azizah H, "Legal Aid For marginal Communitie," *Man in India*, vol. 97, no. 18, pp. 251-262, 2017.
- [11] S. S. M. I. M. J. Asri Wijayanti, "Establishing Trade Union in The Climate Change of Employment," *International Journal of Civil Engineering and Technology (IJCIET)*, vol. 10, no. 3, pp. 1270-1276, , 2019..
- [12] Shidarta, Indonesian Consumer Protection Law, Jakarta, : Gramedia Widiasarana Indonesia, , 2004.
- [13] Asri Wijayanti, Yayuk Sugiarti, "Technological Advocacy of Migrant Workers in The Pre Placement Based on Personal Legal Assistance," in 19th World Conference on Applied Science, Engineering and Tachnologicy, Bangkok, 2019.
- [14] J. G. Cowells, The Situation in Europe, European Insurance Perspective, London: The Lloyd London Press, 1977.
- [15] C. A. William, Risk Management and Insurance, McGraw-Hill International, , 1995.
- [16] Asri Wijayanti, Slamet Suhartono, Muridah Isnawati, Mahsun Jayadi, "Establishing Trade Union in The Climate Change of Employment," *International Journal of Civil Engineering and Technology (IJCIET)*, vol. 10, no. 3, pp. 1270-1276, 2019.
- [17] Asri Wijayanti, Yayuk Sugiarti, "Technological Advocacy of Migrant Workers in The Pre Placement Based on Personal Legal Assistance," in 19th World Conference on Applied Science, Engineering and Tachnologicy, Bangkok, 2019.

- [18] A. Wijayanti, "Legal Aid For marginal Communitie," *Man in India*, vol. vol, no. 18, pp. 251-262, , 2017.
- [19] A. Wijayanti, "Rights to the freedom of trade unions in the constitution and its Implementation," *International journal of Applied Business in Economic Research*, vol. 15, no. 7, pp. 107-115, 2017.
- [20] A. Wijayanti, "Implementation of Javanese Local Wisdom Principles as Alternative Solution for Non-Litigation Legal Aid Model for Marginal Community," in *the Annual Conference on Social Sciences and Humanities (ANCOSH 2018)*, Malang, 2018.
- [21] M. I. Bahua., "(BULOG)., Development of Food Security in the Era of Regional Autonomy," *National Food Journal*, vol. 2, 2009.
- [22] Z. V. Chumaida, "Principles of Good Faith and Protection of the Insured on the Life Insurance Agreement," Faculty of Law, Airlangga University, Surabaya, 2013.
- [23] "Interview with Mr. Soni, Head of Marketing at PT. Asuransi Jasa Indonesia".
- [24] "Berita.suaramerdeka.com, Failure to harvest, farmers receive insurance claim books".
- [25] -, "United Nations Guidelines for Consumer Protection No. 39/248 year1984 as expanded," 1999...