# WASWAC HOT NEWS 2013 (09) September 2013

Advisor: Dr. Samran Sombatpanit Editors: Ms. Mao Juan, Dr. Du Pengfei

Contributors: Prof. Li Rui, Dr. Karika Kunta, Amir Kassam, Panos Panagos

Please send your contributions/information for next issue(s) of HOT NEWS & WASWAC Bulletin to

waswac@foxmail.com, iswcr@foxmail.com

This document is NOT properly edited, to enable a quick release to meet many deadlines.

New information please visit our official website <a href="http://www.waswac.org">http://www.waswac.org</a>.

REDUCE

REUSE

RECYCLE

These are what every one of us can do to mitigate global climate change – our imminent threat.



PLEASE CONSIDER THE ENVIRONMENT BEFORE YOU PRINT THIS HOT NEWS





Summary Report of WASWAC Secretariat for 2010-2012



# Join us

http://www.facebook.com/pages/World-Association-of-Soil-and-Water-Conservation/187062347982860 and also please search in **Youtube** for 'SWATlectures'.

# **Contents**

#### **WASWAC News**

building Report of Wild Wile Secretariat for 2010-2015	1 9
Book Introductions	11
Meetings	12-17
Report	
Soil Conservation Could Help Reduce Climate	
Change-Related Crop Losses	18
Jobs	19-22
Advertisement	10,18
WASWAC Application Form	23

# **Summary Report of WASWAC Secretariat for 2010-2013**

- from Secretary-General's presentation on council meeting, Sept. 4, 2013

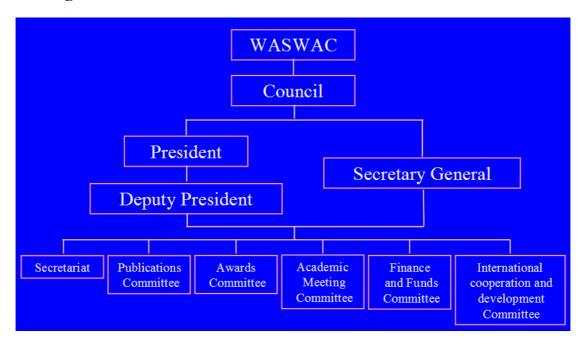


# SUMMARY REPORT OF WASWAC SECRETARIAT 2011-2013

NING DUIHU
CHIANG RAI, TAILAND, SEPTEMBER 4, 2013

#### 1. STRUCTURE BUILDING

(1) Organizational Structure



#### a. Secretariat Establishment

There are 10 members in charge of routine works such as cooperation, coordinating, management, editing, contacting etc. in new secretariat.

#### b. Council Establishment

30 Candidates were selected to be the Councilors of WASWAC in the Three Presidents Meeting in December, 2010.

#### c. Committees Establishment

In order to make council operation more efficient, 5 committees were established through the discussion during first council meeting in the beginning of 2012. Each Councilor has to be one member of at least one specialized committee according to his work fields and interest. 5 committees are listed in the figure of organization structure.

# (2) Revising Statues of WASWAC

For the registration and standardized management, the revision of the Statutes of association is launched after taken suggestions from councilors and members. The content includes: objectives, missions, members, organizations, newsletter, asset management, etc.

#### 2. MEMBERS MANAGEMENT

#### (1) Built Member Database

There are totally 1,131 members from 82 counties or regions.

25 new members have finished registration in WASWAC during 2011-2013.

#### (2) Renewal Member Registration form

New registration form were released on Oct. 1, 2011 and May 1, 2012. The latest version, please go to the last page of this issue.

#### (3) Designed and Released Certificate for New Members





# 3. CONFERENCE

# (1) Secretariat and Council Meetings

a. Three Presidents Meeting (Beijing, China, December 9-10, 2010)





b. Council Meeting (Beijing, China, March 26-27, 2012)





c. Secretariat Meeting (Beijing, China, February 19-21& June 9-11, 2013)





# (2) Academic Conferences

a. SWAT Regional Conference and Training (Guangzhou, China, July 24-30, 2011)





b. MRC Regional SWAT Training for Trainers in Using ARCSWAT 2009 for Flow, Sediment and Nutrient Simulation (Ho Chi Minh City, September 5-9, 2011)





c. Workshop on Soil and Water Conservation and Dryland Farming for Developing Countries (Yangling, China, April 3-26, 2012)



d. Workshop on Soil and Water Conservation and Dryland Farming for Developing Countries (Yangling, China, April 3-26, 2012)



e. Sustainable land management and climate changes – LANDCON 1209 (Serbia, September 17-21, 2012)





f. Training Course on Soil/Water Conservation and Dryland Farming for Developing Countries in French (Yangling, China, May 10-30, 2013)





# g. SWAT SEEA-III (Bogor, Indonesia, June 16-22, 2013)





# 4. PUBLICATION

# (1) Hot News

14 issues in 2011, 6 issues in 2012, and 8 issues in 2013 have been already released, 4 issues (including this issue) will be published by the end of 2013.

#### (2) Bulletin

3 issues in 2011 and 2 issues in 2012 have been released.

# **(3) Book**

"Vegetable Agroforestry Systems in the Philippines" was released at the school of environmental science and management of the university of the Phillippines Los Banos, Laguna, Phillppines, on January 27, 2012.



# (4) Journal

Application (2011-2012) - Approval (October 31, 2012) - Registration (November 2012 – March 2013) - Editorial Committee Establishment (March 2013) - Editorial Committee Establishment and Certificate Issue (July 2013) - Related Regulations Draft (March – August, 2013) – First Issue Released (July, 2013)



- Publishing Period Quarterly
- □ ISSN no: 2095-6339
- □ Subscription Rate 160 USD for 4 issues (a year)
- Sponsors IRTCES & CWPP
- ☐ Contacts <u>xlj@waterpub.com.cn</u> for subscription, <u>iswcr@foxmail.com</u> for submit paper

# 5. COMMUNICATION

(1) WASWAC Secretariat delegation visits Thailand Land Development Department (May 16-24, 2011)



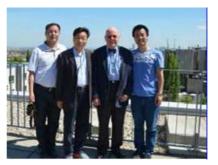
(2) Thailand Land Development Department visits IRTCES (July 15-19, August 23-27, September 12-15, 2011)





(3) President Li Rui visits Austria and Netherlands ( April 24-30, 2012)





(4) Secretariat delegation visits Thailand (May 21-26, 2012)





(5) Secretariat delegation visits Italy (July 1-4, 2012)



(6) Secretariat delegation visits Serbia (September 16-21, 2012)





# (7) Dr. Samran Sombatpanit visits China (February 22-25, 2012)





# 6. PUBLICITY

# (1) Brochure Releasing



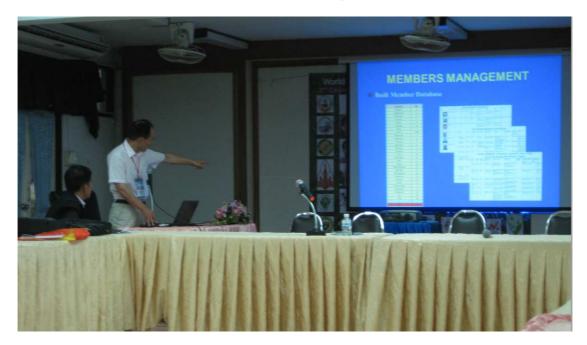
# (2) Website Establishment



www.waswac.org



**Council Meeting** 



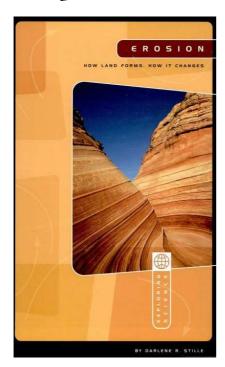
Prof. Ning Duihu, the secretary-general of WASWAC, is presenting what have been done by the secretariat in the past three years

Much appreciated for everything all members have done for WASWAC!

Please continue to pay your attention and support to our association's development!



# BOOK INTRODUCTIONS



	THE POWER OF EROSION4
2	THE EROSION PROCESSII
3	HOW DOES WATER CAUSE EROSION?IB
4	HOW DOES WIND CAUSE EROSION?26
5	HOW DO GLACIERS CAUSE EROSION?32
6	CONTROLLING EROSION
6	CONTROLLING EROSION
6	CONTROLLING EROSION 37  Glossary 45
6	
6	Glossary

**Erosion: How Land Forms, How It Changes** 

Describes briefly the process of erosion, including how the power of wind, water, and glaciers have changed the Earth's surface. Includes information on fossils.







Selected pictures from this book

Author: Darlene R. Stille

Publisher: Capstone, 2005

ISBN: 0756511003, 9780756511005

If you want to advance in your career

Make **English**Part Of Your Life



# The forth international conservation agricultural (CA) conference in South East Asia

Venue: University of Battambang, Battambang, Cambodia

Date: Dec.9-13 2013













(WASWAC)



WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION Natural Resources Conservation Service











# Suggested topic categories:

CA and yield

CA and soil quality

CA and carbon sequestration

CA and gender

CA with trees

CA equipment

CA and income

CA modeling

CA adoption

CA extension

CA education

CA and permaculture

CA and biodiversity

CA in urban and peri-urban communities

CA for lowland crop production

CA and livestock

CA and human nutrition

CA and others

#### Registration:

Attendees can register on-site but please email at reyes@ag.ncat.eduThis email address is being protected from spambots. You need JavaScript enabled to view it. if you will register on-site.

Before November 15, 2013

International attendees:

\$250 which includes field trip, snacks and lunch

Cambodian and student attendees:

\$50 which includes field trip, transportation, snacks and lunch

After November 15, 2013

International attendees:

\$300 which includes field trip, snacks and lunch

Cambodian and student attendees:

\$75 which includes field trip, transportation, snacks and lunch

#### Committee:

Touch Visalsok, Conference Host and Rector, University of Battambang

Manuel Reyes: Conference Co-Chair, North Carolina Agricultural and Technical State University

Kong Rada: Conference Co-Chair, Conservation Agriculture Service, Cambodia

Victor Ella: Program Chair, University of the Philippines Los Baños

Adrian Ares: Feed the Future Innovation Lab for Collaborative Research on Sustainable Agriculture and

Natural Resource Management

Yuji Niino: Food and Agricultural Organization

Susan Andrews: United States Department of Agriculture Natural Resources Conservation Service

Damien Hauswirth: CIRAD

Delia Catacutan: World Agroforestry Center

Agustin Mercado: World Agroforestry Center

Virendra Pal Singh, World Agroforestry Center

Catherine Chan-Halbrendt, University of Hawaii

Ngo Bunthan, Rector, Royal University of Agriculture

#### **Contacts:**

#### For questions about abstracts:

Ella, Victor

Email: vbella100@yahoo.comThis email address is being protected from spambots. You need JavaScript enabled to view it.

For questions about conference schedule and program:

Reyes, Manuel

Email: reyes@ag.ncat.eduThis email address is being protected from spambots. You need JavaScript enabled to view it.

For questions regarding conference logistics:

Rada Kong

Email: radakong@yahoo.comThis email address is being protected from spambots. You need JavaScript enabled to view it.

For questions about tourism in Angkor Wat, Battambang and Siem Reap:

Rain Ry

Email: rainry24@yahoo.com This email address is being protected from spambots. You need JavaScript enabled to view it.

# Green Carbon: Making Sustainable Agriculture Real





The Conference is jointly organized by the European Conservation Agriculture Federation (ECAF), and the French Institute for Sustainable Agriculture (IAD) and promoted by the Life+AGRICARBON project.

#### **THEMES**

- 1. Evidence of carbon sequestration in Europe and carbon offset potential.
- 2. Contribution of Soil Organic Carbon for ecosystem functions and landscape management.
- 3. Soil Organic Carbon, soil health and productivity.
- 4. Economic and policy aspects of "carbon farming".
- 5. Implementation of CA and direct benefits for farmers and society.

#### **CONFERENCE VENUE and LANGUAGE**

The indoor Conference sessions will be held in Brussels at the facilities of the Bedford Hotel & Congress Centre, located in 135 Midi Street, B-1000 (April 1st and 2nd 2014). The Conference farm session will take place on a farm located in Namur (near Brussels) on April 3rd, 2014, where practical aspects of the concept of Conservation Agriculture and its role as a climate smart agriculture in sustainable intensification will be demonstrated.

All presentations and discussions during the indoor sessions will be held in English and no translation will be provided. The farmers' presentations during the farm session will have translation into French, English and German.

#### PAPER AND POSTER CONTRIBUTIONS

All participants are invited to present papers on any of the conference themes. They will have the opportunity to present their contributions through a 15-minute oral or poster presentation. Abstracts must be submitted not later than 01-11-2013 through www.greencarbon-ca.eu. They should not exceed the size of 400 words and should clearly describe the objectives, methods, results and conclusions of the work. An international scientific programme committee will review all contributions. Final decisions for paper acceptance for oral or poster presentation will be announced by 15-11-2013. Abstracts of registered participants will be distributed in printed form in the Conference Abstract Proceedings at the Conference. In addition, authors can also choose to submit a full paper by 14-02-2014, which will be made available online. The authors of selected papers will be invited to submit their contributions as either book chapters

or scientific papers to be published in a special book edition or a special issue of an international peer reviewed journal.

Abstracts or full papers will only be considered for publication if at least one of the authors is registered at the conference, with a maximum of two contributions per registration.

#### **DEADLINES**

Submission of abstracts by: November 1, 2013

Communication of acceptance: November 15, 2013

Submission of full paper: February 14, 2014

#### CONFERENCE REGISTRATION

On-line registration is possible until March 10, 2014. Registrations received after this date will not be considered on-line and will have to be resubmitted at the Conference registration desk, from April 1, 2014. Depending on the date of registration the following registration fees will apply:

REGISTRATION FEES	Early bird (until 10-12-2013)	Regular rate (until 10-03-2014)	Desk rate
Non-members of National CA association (NM)	280 €	320 €	360 €
Members of National CA association (M)	240 €	280 €	320 €
Students	120 €	150 €	180 €
Farm Day only (NM)	100 €	140 €	170 €
Farm Day only (M)	80 €	100 €	120 €

Further instructions on the abstract and paper submission and their format can be obtained at: www.greencarbon-ca.eu



# 6<sup>th</sup> World Congress of Conservation Agriculture







#### **THEMES**

#### Conservation Agriculture and Sustainable Intensification

As world population grows, the demand for food, fuel and fiber will grow. CA will allow producers to intensify their cropping systems to increase production sustainably without undue expansion in land area devoted to agriculture.

#### Conservation Agriculture and Climate Change

A well-designed CA system contains a diversity of crop types and healthy soils that give producers more options for adjusting to changes in rainfall patterns or growingseason temperatures while also contributing to climate change mitigation.

# Conservation Agriculture and Innovative Adoption

The best teacher of interconnected farming practices is someone who has successfully mastered them. Innovative CA practitioners, researchers and service providers will share their experience and knowledge.



# Soil Conservation Could Help Reduce Climate Change-Related Crop Losses



A new NRDC report says that while American farmers are increasingly turning to crop insurance to manage weather—related risks, including crop loss; soil conservation would be a better long-term solution.

From 2001 to 2010, the Federal Crop Insurance Program averaged about \$4 billion a year in payouts to farmers for lost crops. Last year, that amount was a record-breaking \$17.3 billion to farmers across the country... nearly all for crops lost because of drought, heat and hot wind.

More than \$1.5 billion of that money went to farmers in Kentucky and Indiana. But a new report from the Natural Resources Defense Council suggests an alternative to this insurance program. Because extreme weather events - like drought - are projected to increase under climate change, Agricultural Policy Analyst Claire O'Connor says it won't make economic sense to keep relying on crop insurance. She says farmers should change the way they farm to reduce their risk.

"And so what our proposal does, it says 'let's incentivize farmers to start adopting practices that not only reduce the risk of losing their crops in any year, but make them more resilient to

the extreme weather we expect to see in the future," she says.

These practices include <u>cover cropping</u> and <u>no-till</u> farming. "Both refer to practices that can build soil health," O'Connor says. "Make soil the insurance policy. Because healthy soil can filter more water, it can retain that water and save it for when growing crops need to use it."

O'Conner says healthier soil will help crops withstand the weather variations caused by climate change, as well as have other ancillary benefits for the environment.



Read More: http://www.nrdc.org/water/soil-matters/files/soil-matters-IP.pdf





# 1. Two Assistant Professors in Environment and Urban

# **Sustainability**



The Department of Geography (in the Faculty of Arts) invites applications for two (2) tenure-track positions in Environment and Urban Sustainability at the Assistant Professor rank. A PhD (or equivalent) in Geography or a closely related field is required by time of appointment. The positions are effective August 1, 2014, subject to final budgetary approval. The positions target candidates in all areas of Environment and Urban Sustainability (EUS) and are part of the Department's newly formed (EUS) program.

The Department of Geography offers two undergraduate programs (Geographic Analysis and EUS) leading to a Bachelor of Arts (BA) and a graduate program leading to a Master of Spatial Analysis. Geography faculty also contribute to interdisciplinary Master's and Ph.D. programs, including Environmental Applied Science and Management, Immigration and Settlement Studies, and Policy Studies. The Department also offers three GIS certificates and participates in basic and applied research through each of the Centres for the Study of Commercial Activity, Geocomputation, and Immigration and Settlement. The successful candidates will be encouraged to develop ties to the graduate programs of Environmental Applied Science and Management and Master of Spatial Analysis.

The successful candidates will contribute to the EUS program through effective teaching, research, and student supervision, develop an externally-funded research program, and demonstrate an active publication record. Experience in establishing research partnerships with private and/or public sectors is beneficial.

Ryerson is a thriving public university located in downtown Toronto, Canada, and has a full-time registration of nearly 32,000 undergraduate and 2,000 graduate students as well as 65,000 continuing education registrations. For more information about the Geography Department see <a href="http://www.geography.ryerson.ca">http://www.geography.ryerson.ca</a>

Review of applications will begin December 1, 2013 and will continue until the position is filled. Applicants must submit curriculum vitae, statements of research and teaching interests, samples of recent publications, and the names and contact information (e-mail address and telephone numbers) of three referees who may be contacted. Please note that applications by fax or e-mail cannot be accepted.

Applications/Inquires can be sent to:

Dr. Brian Ceh,

Chair, Department of Geography,

Ryerson University,

350 Victoria Street,

Toronto, Ontario M5B 2K3,

e-mail: bceh@ryerson.ca

These positions fall under the jurisdiction of the Ryerson Faculty Association (RFA). The RFA collective agreement can be viewed at: http://www.ryerson.ca/teaching/employment resources/rfa.html. The RFA's website can be found at: <a href="http://www.ryerson.ca/~rfa/">http://www.ryerson.ca/~rfa/</a>. A summary of RFA benefits can be found at: http://www.rverson.ca/hr/benefits/benefits by group/rfa/ Ryerson University is strongly committed to fostering diversity within our community. We welcome those who would contribute to the further diversification of our faculty and its scholarship including, but not limited to, women, visible minorities, Aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. All qualified candidates are encouraged to apply, but applications from Canadians and permanent residents will be given priority.

Details at: http://www.earthworks-jobs.com/environs/ryerson13091.html

#### 2. Director of Governance Research



The leading global institute on science for forests and people is seeking a visionary and dynamic **Director of** Governance Research.

The Center for International Forestry Research (CIFOR) advances human well-being, environmental conservation, sustainable development and equity by conducting research to inform and support policies and practices that affect people, forests and landscapes. CIFOR is headquartered in Indonesia, with offices across Asia, Africa and Latin America, and is a member of the CGIAR Consortium.

The new Director will be responsible for the development, management, delivery and scientific quality of CIFOR's engagements in governance research. This includes institutional arrangements, public and private finance, gender, legal frameworks, law enforcement, land and forest tenure reforms, collaborative forest and landscape management, and climate change — all of which will be addressed from a cross-sectoral and broad development perspective.

The Director will ensure coordination with CIFOR's portfolios on livelihoods and environmental research as well as with relevant CGIAR Research Programs (CRPs). S/he will manage a team at HQ and supervise the scientific work of researchers globally. As a member of CIFOR's senior management, the Director will also fulfill center-wide roles, such as managing strategic partnerships, convening conferences and representing CIFOR at key events.

#### **Principal Accountabilities:**

- Contribute to the overall leadership of CIFOR as a member of the senior management group, including strategy development and resource mobilization and the maintenance and development of relationships with strategic partners.
- Be responsible for planning, budgeting, expenditure management, delivery and reporting for the Governance research portfolio, including delegation of budget holder responsibilities and CRP components leadership as necessary.
- Lead, manage and enhance the performance of a multidisciplinary and multicultural research team at headquarters.
- Support the scientific performance in the Governance field of CIFOR scientists and CIFOR-associated experts stationed outside headquarters.
- Lead the development of partnerships for Governance research.
- Provide strategic direction and lead the development of research methods relevant to the Governance
  research portfolio to be deployed across CIFORi¦s priority research components, and be responsible for
  assuring the quality of new research initiatives and publications.
- Contribute to the management and implementation of CGIAR Research Program on Forests, Trees and Agroforestry and the components and activities led and/or coordinated by CIFOR, notably those
- relating to the management of conservation of forest and tree resources as well as the impacts of trade and investment on forests and people.
- Identify and support progress along impact pathways to ensure the relevance of research to target policy arenas and practitioner communities.

- Foster collaboration with other CIFOR research domains, regional offices, and partner organizations.
- Represent CIFOR in relevant international forums.

#### Requirements

#### Education, knowledge and experience:

- PhD in a relevant discipline with extensive years of relevant experience, including research management experience in an international, multicultural and multidisciplinary environment.
- Proven expertise in leading collaborative research.
- Proven fundraising record.
- Fluency in English is required; proficiency in other international languages is preferred.

#### Personal attributes and competencies:

- Has strong leadership skills, able to engage in strategic planning with sound analytical ability and good judgment.
- Is an astute manager, able to manage human resources and administrative matters with efficiency and effectiveness.
- Has excellent interpersonal and communication skills, with the ability to interact constructively with people across different cultures, disciplines and institutions.

#### Terms and conditions

- This is an internationally recruited position. CIFOR offers a competitive remuneration commensurate with skills and experience.
- The initial appointment will be for 3 years starting as soon as possible, with possible extension contingent upon performance, continued relevance of the position and available resources.
- The duty station is Bogor, Indonesia.

#### **Application process**

- The application deadline is **20 November 2013**.
- We will acknowledge all applications, but we will contact only short-listed candidates.

Please send your letter of interest and CV, including contact information for three referees, to:

#### **Human Resources Department**,

#### CIFOR cifor-hr-jobs@cgiar.org

Please indicate the position title and its reference number in the email subject line.

CIFOR is an equal opportunity employer with a strong belief that staff diversity contributes to excellence.

Women are strongly encouraged to apply. To learn more about CIFOR, visit www.cifor.org.

# WASWAC MEMBERSHIP APPLICATION/RENEWAL FORM (Issued 120501)

(For renewal, please fill in only your name, country, 2 e-mails, year(s) and the amount to pay. Sending the form by e-mail is preferred.)

# (For applicants from all countries)

Name: (Ms./Mrs./Mr./Prof./Dr.)	)		Gender: □F □M
Institution:			
Postal address:			
State/Province:			
Phone:	Fa	X:	
Emails (Please give at least 2 addresses to ensure	e uninterrupted contact): (1)		
(2)			
My specialized field(s):			
Please sign me up for the WASWAC membe			
Membership for the year(s)		_	US\$
Donation for developing country		US\$	
Donation to the Moldenhauer Fu		US\$	
		Total	US\$
2. LM (Life membership): US\$80 for develor countries and persons working in international only half of these LM rates. 3. OM (Organization membership): For universame online products and international organization with up to 30 for an additional 100 persons or part thereof summership & Gift mem students, etc.	versities, research and implemanizations, etc. Persons belonner two above categories: \$100 o persons: \$200/year for an of.  abbership): US\$5/year worldwide	Persons who inental instituted ging to an Orgo/year for an organization when to be purchal	have passed their 60 <sup>th</sup> birthday pay ions, government agencies, NGOs, ganization member will receive the organization with up to 150 persons; with up to 500 persons; and \$10/year sed to give to colleagues, friends,
▲ How and where to submit this form and membership due – to: Dr. Xiaoying Liu. WASWAC Treasurer, c/ 10 68786413; Fax: +86 10 68411174; Email: waser_secretariat@yahoo.com.cn. Members WESTERN UNION. For sending money by foreign wires through	o IRTCES. No. 20 Chegongzh liuxy@iwhr.com; waswacsecrship fee can be sent through C	nuang Road W retariat@yaho <mark>Check,</mark> <mark>Bank</mark>	rest, Beijing 100048, China. Tel: +86 o.com; Draft, Bank Transfer and
Name of Receiver (A/C Holder's Name Bank Name and Address: Bank of China 100010, P R China A/C NO.: 3467 5879 1740; Swift code: BR	Beijing Branch, No. 2 Chao Y	⁄ang Men Nei	Da Jie, Dongcheng District, Beijing,
Message to write on the Bank Sheet: V NOTE: 1. Do not deduct the bank fee from check please add US\$7 per transaction to co does not apply for WESTERN UNION or an	VASWAC Membership due for the amount of money to send empensate for the charge at th	. <b>2.</b> For sendine receiving ba	ng money by wire/bank transfer or