



# Association of **Nepalese Agricultural Professionals of Americas (NAPA)**

## **NAPA Annual General Meeting 2020-2021 ANNUAL REPORT**

Megha N. Parajulee, Pradeep Wagle, and Ramjee Ghimire

**Executive Committee and Associated Committees**



## NAPA Executive Committee 2020-2022



**Megha N. Parajulee**  
President



**Pradeep Wagle**  
Vice President



**Ramjee Ghimire**  
General Secretary



**Dev Paudel**  
Joint Secretary



**Santosh Dhakal**  
Treasurer



**Aditya Khanal**  
Member



**Gita Koirala Bhandari**  
Member



**Nityananda Khanal**  
Member



**Shyam L. Kandel**  
Member



**Sushil Thapa**  
Member



**Uma Karki**  
Member

Executive Committee 2020-2022

## Associated Committees

&

400+ members

# Executive Summary

Eight EC meetings were held on the following dates:

Jun 7, 2020      Jul 19, 2020      Aug 16, 2020      Sep 23, 2020  
Oct 31, 2020      Dec 20, 2020      Feb 28, 2021      May 7, 2021

- NAPA's maiden book on Food Safety published/launched
- Endowment Fund Advisory Board Established (Endowment Enhanced)
- Research Mini-Grant Program expanded/enhanced
- Existing committees restructured and new committees formed/mobilized
- Celebrated NAPA Day and Nepali New Year
- Scaled up outreach activities with the US and Nepal-based media
- Interacted with Nepal-based educational institutions
- President/EC members chaired/participated in 5 international meetings/conferences hosted by professional organizations such as NRNA, NACA, UNCON, and others
- Social and charity services, including regular blood donations, Covid-19 Relief Fund for Nepal, and others

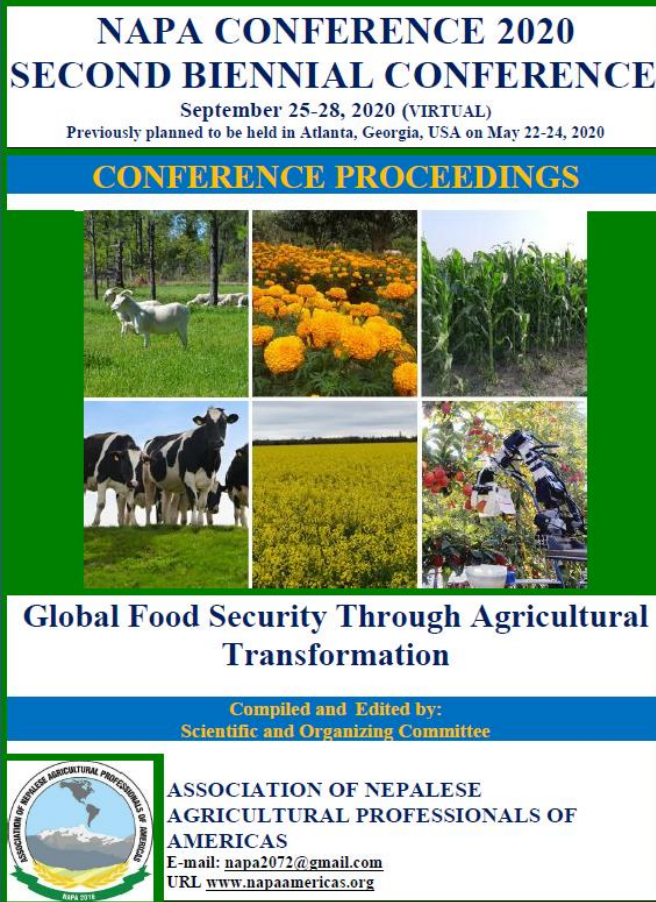
# NAPA Conference 2020

- 161 abstracts were submitted; 102 were registered; and 84 presented during the conference.
- 358 scientific scholars representing 83 different institutions involved as authors/co-authors.
- Abstracts submitted from seven countries (USA, Nepal, Nigeria, Australia, Canada, Benin Republic, and Morocco).
- 19, 25, and 6 competitive presentations in each of Student Oral, Poster, and Rapid-fire Competitions.
- 34 non-competitive oral and poster presentations.
- 14 essays submitted for Student Essay Competition.
- 67 poems received for Agri-poem competition.
- Entrepreneurs roundtable, NAPA strategic roundtable, and Women in Agricultural and Allied Professions (WAAP) roundtable organized.
- 151 participants registered for the conference.

# NAPA Conference 2020

- A total of **\$6,462.55** donation fund collected.
- A total of **\$2,150** prize money distributed for Student Oral Competition; Student Poster Competition; Student Essay Writing Competition, Student Rapid-fire Competition; Agri-poem Recitation.
- 21 participants awarded.
- EC decided to transfer the residual income from the conference (**\$5,941.99**) to the Endowment Fund.

The proceeding is available at  
<https://www.napaamericas.org/>




**NAPA CONFERENCE 2020**  
**SECOND BIENNIAL CONFERENCE**  
September 25-28, 2020 (VIRTUAL)  
Previously planned to be held in Atlanta, Georgia, USA on May 22-24, 2020

**CONFERENCE PROCEEDINGS**

**Global Food Security Through Agricultural Transformation**

Compiled and Edited by:  
Scientific and Organizing Committee

 ASSOCIATION OF NEPALESE  
AGRICULTURAL PROFESSIONALS OF  
AMERICAS  
E-mail: [napa2072@gmail.com](mailto:napa2072@gmail.com)  
URL [www.napaamericas.org](http://www.napaamericas.org)



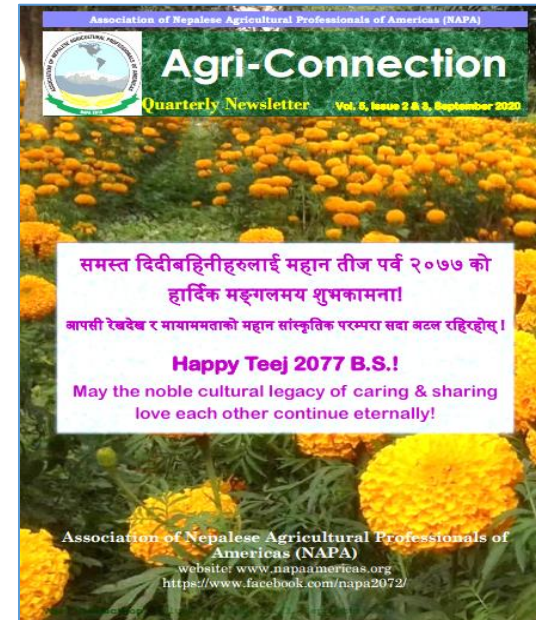
# Advisory Council

- Three Advisory Council meetings were held:  
Sep 4, 2020; Mar 20, 2021; and May 5, 2021
- Key Advices/Suggestions:
  - Sustainability of NAPA programs
  - Establishing and investing Endowment Fund
  - Widening NAPA's scope and programs
  - Strengthening NAPA as a professional institution
  - By-law amendments
  - Expanding program in Nepal and other regions beyond Americas
  - Expand NAPA's programmatic reach among needy communities
  - Maintaining transparency in programs
  - Giving priority to life memberships (membership and service)

# Agri-Connection

## Sushil Thapa, Editor-In-Chief

- A five-member Editorial Board formed in October 2020.
- Organized four meetings (several informal meetings and discussions).
- Released four issues V5.2 & 3 (combined), V5.4, and V6.1.
- The combined version was released by the team led by Dr. Nityananda Khanal.



V5 (Issue 2&3)

# Agri-Connection

## Regular sections

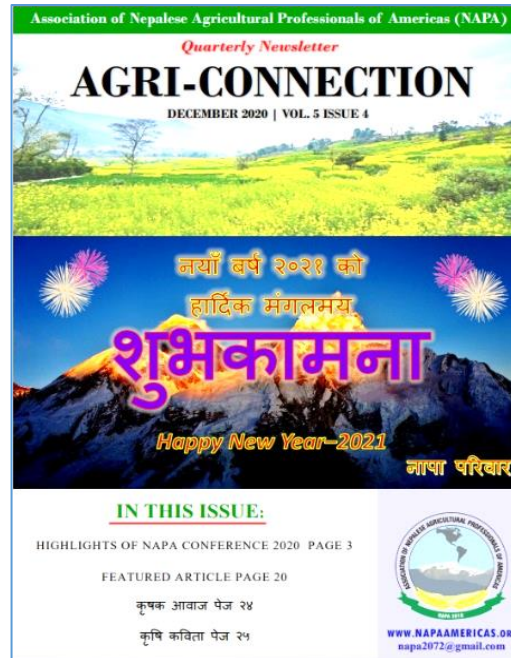
- NAPA Committees
- Membership Update
- Featured Member
- Photographs in Action
- Featured Article (*new*)
- Featured Agri-Entrepreneur (*new*)
- Opinion: AC through My Eyes (*upcoming*)
- KidsZone (*upcoming*)

## Evidence-based news

- Webinars, Panel Discussions, Talks
- Research and Policy
- NAPA Activities

## Articles, literary creations

- Scientific and Non-Scientific
- Agri-Poems





# Endowment Fund

- Endowment concept was envisioned soon after NAPA's establishment in 2016.
- \$850 was deposited (6 contributors).
- Focus on programmatic development and organizational growth.
- In late 2020, an Endowment Fund Advisory Board (EFAB) was established to refocus on endowment fund development for long-term financial sustainability.
- Dr. Lila Karki, Past President and NAPA Advisor, leads the Board.
- Charge, current progress, and future strategies of EFAB will be separately presented following this presentation.

# Information and Technology Committee

## Dev Paudel, Chair

- Update and maintenance of NAPA website: [www.napaamericas.org](http://www.napaamericas.org) (82,425 visits)
- Modernized membership form and update member directory
- Developing database of agriculture experts
- Co-ordinated 2<sup>nd</sup> Biennial International Scientific Conference 2020 (Virtual)
  - Prepared registration forms for conference
  - Developed/managed abstract/video submissions for talks and posters
  - Organized/catalogued videos and presentations for the conference
- Led 5-day Applied Bioinformatics Workshop
  - Cloud computing for 300 participants
  - Archived all videos from the workshop
- Coordinated presentations of RMG Symposium
- Archived videos from NAPA webinar series

**APPLIED BIOINFORMATICS IN AGRICULTURE & MEDICINE**  
(With hands-on workshop on genomics and evolution of SARS-CoV-2)

**Program Details:**  
Seminar: July 19 (8:00 AM- 10:00 AM, NST)  
July 20 (8:00 AM- 10:00 AM, NST)  
Workshop: July 21-23  
(8:00 AM – 10:00 AM NST, daily)

**Organized by:**  
Center for Biotechnology Agriculture and Forestry University  
Association of Nepalese Agricultural Professionals of Americas (NAPA)

**Keynote Speakers:**  
Sharada Thapaliya, PhD  
Vice Chancellor  
Agriculture and Forestry University  
Megha N. Parajulee, PhD  
Professor, Texas A&M University  
President, NAPA

**Invited Speakers:**  
Ananta Acharya, PhD  
Scientist, Corvea Agrisciences  
Saroj Parajuli, PhD  
Post-doctoral Associate, University of Florida  
Radhika Bartaula, PhD  
Post-doctoral Associate, USDA-ARS  
Dev Paudel, PhD  
Post-doctoral Associate, University of Florida  
Sangeet Lamichhaney, PhD  
Assistant Professor, Kent State University  
Sishir Subedi, MS  
Bioinformatician - Houston Methodist Hospital

For registration visit: [www.ofu.edu.np](http://www.ofu.edu.np)

# Journal Publication (GJAAS)

Megha Parajulee, Editor-In-Chief

Vol 2 No 1 (2020): Global Journal of Agricultural and Allied Sciences

**Published:** 2020-08-10

## Articles

Training Center Employees' Perceptions of the Village Animal Health Worker Training Program in Nepal

Ramjee Ghimire  
1-10

[PDF](#)

Genetic Variation Within and Among Lowland Switchgrass Cultivars as Revealed With AFLP Polymorphisms

Shiva O. Makaju, Yanqi Q. Wu, Michael P. Anderson, Vijaya Gopal Kakani, Michael Smith, James Todd, Laxman Adhikari  
11-17

[PDF](#)

Maintenance of Non-Timber Plants at Low Heights Increased the Solar Radiation Influx and Understory Vegetation Biomass in Woodlands

Shailes Bhattarai, Uma Karki, Sanjok Poudel, Bidur Paneru, Nevershi Ellis  
18-24

[PDF](#)

Robotic Manipulation for Specialty Crop Harvesting: A Review of Manipulator and End-Effector Technologies

Joseph Davidson, Santosh Bhusal, Changki Mo, Manoj Karkee, Qin Zhang  
25-41

forestry; Horticulture; Natural Resources; Plant Breeding/Applied Genetics/Bio-technology; Plant Pathology; Soil Science; Weed Science, and closely related disciplines. Any article submitted to this journal should appeal to readers around the globe.

## Current Issue

Vol 2 No 1

Vol 2 No 2

Vol 2 No 3

## Current Issue

Vol 3 No 1 (2021)

**Published:** 2021-05-28

## Articles

Review of Poultry Production and Poultry Vaccine Manufacture in Nepal

Uddab Poudel, Umesh Dahal, Santosh Dhakal  
1-7

[PDF](#)

Perceived Importance of Core Competencies among Extension Professionals in Nepal

Ramjee Ghimire, Murari Suvedi, Michael Kaplowitz, Robert B. Richardson  
8-15

[PDF](#)

[View All Issues >](#)



## Links

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[Editorial Team](#)  
[Author Guideline](#)  
[Submit your Article](#)

## Contact

**Email:** [gjaasjournal@gmail.com](mailto:gjaasjournal@gmail.com)  
[www.napaamericas.org](http://www.napaamericas.org)

# Book Publication

Drona Rasali, Editor-In-Chief

## PRINCIPLES AND PRACTICES OF FOOD SECURITY

SUSTAINABLE, SUFFICIENT, AND SAFE FOOD FOR HEALTHY LIVING IN NEPAL

**Editor-in-Chief**  
Drona P. Rasali

**Co-Editor-in-Chief/Managing Editor**  
Prem B. Bhandari

**Editors**  
Uma Karki, Megha N. Parajulee,  
Ram N. Acharya, and Raju Adhikari

- 300 copies were printed
- Some sales in Nepal
- Few books have been brought to USA
- Sales have been affected by COVID till now

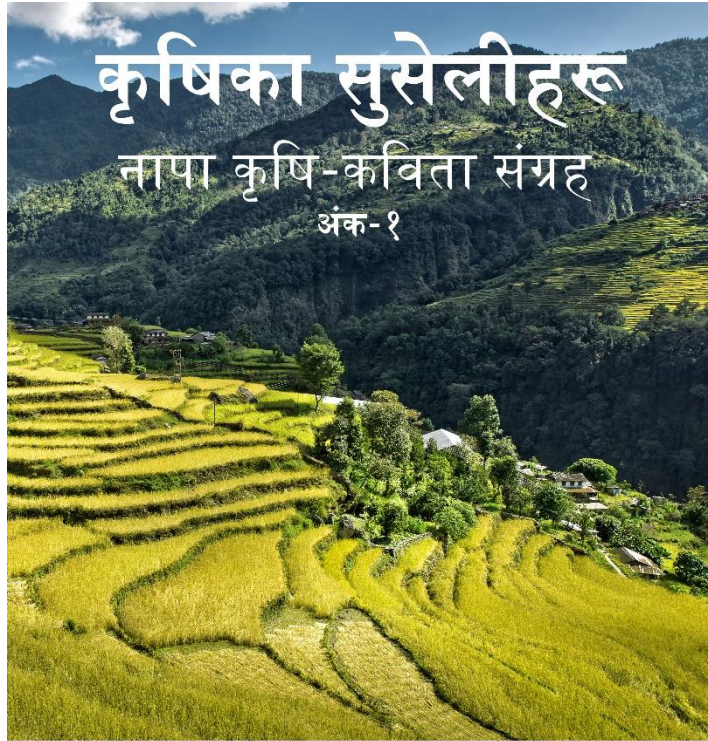


**ASSOCIATION OF NEPALESE AGRICULTURAL  
PROFESSIONALS OF AMERICAS (NAPA), USA**

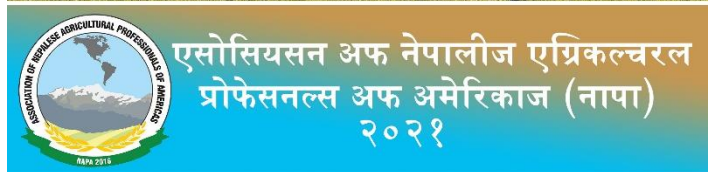


# Krishika Suseliharu



Ambika Tiwari, Chair



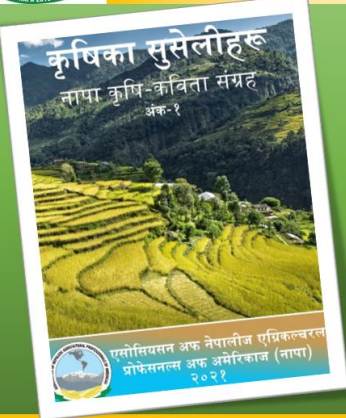
कृषिका सुसेलीहरू  
नापा कृषि-कविता संग्रह  
अंक-१



एसोसियसन अफ नेपालीज एग्रिकल्चरल  
प्रोफेसनल्स अफ अमेरिकाज (नापा)  
२०२१



## कृषि-कविता संग्रह लोकार्पण कार्यक्रम



**मिति र समय**

**अमेरिका र क्यानडा:**  
सोमबार, १५ फेब्रुअरी, २०२१  
साँझ ८:१५ सेन्ट्रल टाइम

**नेपाल:**  
मंगलबार, १६ फेब्रुअरी २०२१  
(वशन्त पन्चमी)  
बिहान ८:०० बजे

**Meeting ID: 853 3839 4160**  
**Link: <https://tinyurl.com/yqwnsrz>**

**f-LIVE** [www.facebook.com/napa2072](https://www.facebook.com/napa2072)

Association of Nepalese Agricultural Professionals of Americas (NAPA)

Available at: <https://www.napaamericas.org/krishika-suseliharu.php>

# Teaching and Graduate Student Mentoring

## An Introduction to Survey Data Analysis (June 21-September 27, 2020)

**Prem Bhandari, Ph.D.**

**Organized by:**



**Coordination:**

**Man B. Khatri, Lecturer  
Central Department of Anthropology  
Tribhuvan University, Nepal**



- **Dhaulagiri Multiple Campus,  
Baglung**
- **Myagdi Multiple Campus,  
Myagdi**
- **Central Department of  
Anthropology and Sociology,  
Kirtipur**
- **Ratna Rajya Campus,  
Kathmandu**
- **Mechi Campus, Bhadrapur,  
Jhapa.**

From Prem Bhandari (to Social Research Scholars,  
Tribhuvan University, Nepal)

# Teaching and Graduate Student Mentoring

- **Graduate student committee**
- **PhD thesis external reviews**
- **Review of graduate student thesis and papers**

# Membership Drive Committee

Pradeep Wagle, Chair

## Good Standing Members as of May 29, 2021

Member categories	Numbers	Member categories	Numbers
Life members	105	Associate Members	65
General/Regular	24	Family/Joint	18
Student	131	<b>Total</b>	<b>343</b>

## New Members under New EC (Last 1 Year)

Member categories	Numbers		Numbers
Life members	24	Associate Members	5
General/Regular	5	Family/Joint	1
Student	32	<b>Total</b>	<b>67</b>



# Research and Policy Brief

Bed P. Khatiwada, Chair

NAPA RESEARCH & POLICY BRIEF, RPB # 6(a), 2020



## Association of Nepalese Agricultural Professionals of Americas (NAPA)

Email: [napa2072@gmail.com](mailto:napa2072@gmail.com)  
Website: [www.napaamericas.org](http://www.napaamericas.org)

Association of Nepalese Agricultural Professional of Americas (NAPA) is a non-profit, non-governmental, nonreligious, and non-political professional organization founded in 2016. NAPA is dedicated to serve mankind through educational, scientific, and developmental initiatives.

### Editorial Board

Editor-in-Chief: Ramjee P. Ghimire, PhD  
Editor: Suman Rimal Gautam, PhD  
Editor: Lila K. Khatiwada, PhD  
Editor: Bhawani P. Mishra, PhD

Previous publications are available at:  
<http://napaamericas.org/research-policy-brief-editorial-committee.php>  
Email: [rpb.napa@gmail.com](mailto:rpb.napa@gmail.com)

Note: Contents of this brief have been drawn from Strategy for Agriculture Adaptation to Climate Change, Nepal report authored by Mr. Gehendra B. Gurung. Another supplementary issue will follow summarizing the remainder of the

## Assess Risks and Potential Impacts of Anticipated Climate Change and Identify Areas for Adaptation

Gehendra B. Gurung\*

### Abstract

Nepal's agriculture depends on natural environment which is highly sensitive to impacts of climate change. Therefore, the agriculture needs strategic adaptation to minimize the effect of climate change. Strategic adaptation include but are not limited to 1) assessment of climate change and the hazards it induces, 2) assessment of effects and impacts of climate change and the hazards on agriculture, and identification of intervention areas, 3) identification and prioritization of adaptation measures, 4) integrating adaptation actions in agriculture development plans, programs and strategies, 5) delivering the adaptation plans and 6) learning from adaptation actions for scaling up in practices and advocating for policy influence. Assessment of climate change and its impacts should be carried out for short- to long-term with scenarios. Identification and implementation of adaptation measures are continuous and iterative processes.

**Keywords:** climate change, agriculture, adaptation, Nepalese context

\*Climate Change Adaptation and Disaster Risk

Two-thirds (65.6%) of Nepal's population engages in agriculture. Despite a large number of population involved in agriculture, nationally

NAPA RESEARCH & POLICY BRIEF, RPB # 6(b), 2020



## Adaptation of Agriculture to Climate Change: Integrating and Mainstreaming Adaptation Measures in Agriculture Development Plans and Policies

Gehendra B. Gurung\*

### Abstract

This policy brief highlights approaches for identification of measures for immediate and long-term agricultural adaptation based on the risk knowledge of agriculture to climate change. The adaptation measures can be varied and location specific based on the specific risk for diverse climate change scenarios, related hazards, and their impacts. For sustainable adaptation, it should be integrated and mainstreamed in regular and periodic agriculture development program, which is delivered through existing institutional, technical and financial mechanisms. Existing strategies, policies and laws should be reviewed for effective adaptation whenever required. The paper argues that mitigation measures should also be part of adaptation.

**Keywords:** climate change, agriculture, adaptation

\*Climate Change Adaptation and Disaster Risk Reduction Specialist and Associate Life Member NAPA  
Email: [gehendra363@gmail.com](mailto:gehendra363@gmail.com)

integrated and achieved through periodic development plans and programs using and mobilizing existing institutional, financial,

strategies for  
sure to reduce  
griculture.  
n to mitigation  
nodate and  
exposure and  
tems. Adaptation  
h needs to be

- Two new briefs are in progress.
- The third issue is scheduled for publication in July 2021.

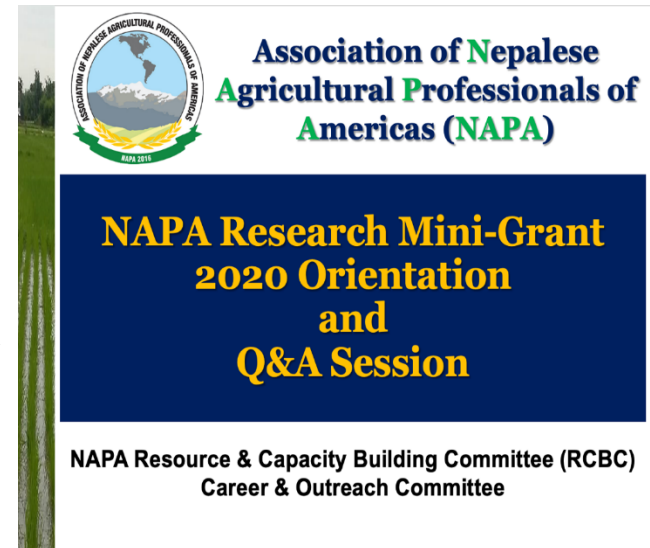
# Career and Outreach Committee

Pramod Pokhrel, Chair

**Committee formed:** Nov 2020

**Major Activities:**

1. Collected, compiled, and published graduate opportunities in the US universities on NAPA website.
2. Co-organized “NAPA Research Mini Grant 2020 Orientation and Q&A Session”. Session targeted NAPA RMG 2020 applicants and prospective recipients for successful grant application.



**Future prospect:**

1. Continue to collect and publish US graduate opportunities on the NAPA website.
2. Organize helpful interactive sessions for current and prospective graduate students.

# Student Coordination Committee

Shubhechcha Sharma, Chair

- Number of meetings held: 4
- Priority areas to be focused by SCC were identified, including activities related to Career (technical writing, statistics and data analysis, travel grant/awards, career counseling, job applications, networking etc.), legal (maintaining F1 status, converting to J1/H1B, applying for Green Card, etc.), and Grad School and Family (grad school stress management, imposter syndrome, work-life balance etc.).

Association of Nepalese Agricultural Professionals of Americas (NAPA)  
& Student Coordination Committee (SCC) Present **PANEL DISCUSSION** on  
**Scientific Writing and Publication**

**Presenter:**

	<b>Pradeep Wagle, PhD</b> Research Ecologist USDA-ARS, EI Reno, OK, USA
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**Moderators:**

	<b>Shubhechcha Sharma</b> PhD Student Michigan State University MI, USA		<b>Santosh Dhakal, PhD</b> Research Associate Johns Hopkins University MD, USA
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**Panelists:**

	<b>Kabindra Adhikari, PhD</b> Soil Scientist USDA-ARS, Temple, TX, USA		<b>Sangeet Lamichhane, PhD</b> Assistant Professor Kent State University, OH, USA		<b>Maya Subedi, PhD</b> Research Associate Agriculture & Agri-Food, Canada
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**USA Time:**  
February 7,  
2021  
(Sunday)  
7:15 PM CST

**Nepal Time:**  
February 8,  
2021  
(Monday)  
7:00 AM

Open only to NAPA Members      Meeting link will be sent prior to the event



# Student Coordination Committee

- Co-organized ‘**Careers in Agriculture**’ panel discussion on August 29<sup>th</sup>, 2020. Panelists represented employees from federal and state governments, academia (teaching, research, and extension), private industries, and non-profit organizations.
- Co-organized a panel discussion on ‘**Scientific Writing and Publication**’ on February 13, 2021. Panelists shared their experiences on writing and publishing scientific manuscripts in authentic journals.

**Future Plans:** NAPA SCC will continue organizing events that are directly related to students within the USA and in Nepal.

Future programs will be focused on the priority areas identified by SCC including career development, legal advices, and grad school and family management.

Association of Nepalese Agricultural Professionals of Americas (NAPA) presents:

## CAREERS IN AGRICULTURE

PANEL DISCUSSION

Panelists:



FEDERAL JOBS	STATE JOBS	INDUSTRY	NON-PROFITS
Dr. Jinita Sthapit USDA-ARS	Dr. Bharat S. Acharya Oklahoma Dept. of Mines	Dr. Ananta Acharya Corteva AgriSciences	Dr. Bhoja Raj Basnet CIMMYT
Dr. Pradeep Wagle USDA-ARS	Mr. Surendra Osti Louisiana Dept. of Revenue	Dr. Ishwary P. Acharya Kay Dee Feed Company	Dr. Tanka Kandel Noble Research Institute

ACADEMIA	EXTENSION SERVICES	POSTDOCTORAL JOBS
Dr. Kalpana Khanal Nichols College	Dr. Dhruva Dhakal University of Missouri	Dr. Laxman Adhikari Kansas State University
Dr. Prafulla Regmi North Carolina State University	Dr. Jhalendra Rijal University of California	Dr. Radhika Bartaula University of Minnesota

Open only to NAPA members.  
Zoom link will be sent prior to the event.

**Date: August 29, 2020**  
**Time: 7:30 PM CST**

[www.napaamericas.org](http://www.napaamericas.org)





# Webinar Committee

Khusi R. Tiwari, Chair

- Included a wide range of webinar topics - Ag. policy issues, post-harvest losses, seed entrepreneurship, women and youth motivational talks, and hydroponics.
- Average interval of approximately 6 weeks (7-8 Webinars/Year).
- Excellent participation from members of public institutions, private sector professionals, students, and faculty/scientists.
- Excellent participation: 50-80 participants in Zoom plus thousands plus views on Facebook. Very positive feedback from participants.
- We will continue to invite highly talented speakers with the feedback from the NAPA team members.
- Next webinar is planned for June 27, 2021. List of webinar speakers and topics for the last one year is available to view from NAPA website.

# Webinars

July 26, 2020

September 6, 2020

November 1, 2020

December 13, 2020

January 24, 2021

March 7, 2021

May 2, 2021

June 27, 2021

**NAPA Webinar Series: 18**  
July 26, 2020



**Agriculture Sector in Nepal: Policies, Priorities, and Issues**

**Rajendra Prasad Bhari**  
Secretary  
Ministry of Agriculture and Livestock Development  
Government of Nepal

WATCH ON YouTube

**NAPA Webinar Series: 19**  
September 6, 2020



**Postharvest Management & Quality Regulations of Fresh Agricultural Produce in Nepal**

**Bed Prasad Khatiwada, PhD**  
Fresh Produce Safety and Quality Controller  
Brisbane Markets  
Brisbane, Australia

PDF

**NAPA Webinar Series: 20**  
November 1, 2020




**Livestock Development in Nepal - What Have We Learned?**

**Mahendra Lohani, PhD**  
Senior Vice President of Programs  
Heifer International  
Little Rock, Arkansas, USA

PDF

**NAPA Webinar Series: 21**  
December 13, 2020



**Provincial and Local Agricultural Services in Nepal: Collaboration**

**Sabnam Shivakoti**  
Secretary  
Ministry of Land Management, Agriculture & Cooperatives  
Gandaki Province, Pokhara, Nepal

WATCH ON YouTube

**NAPA Webinar Series: 22**  
January 24, 2021



**Youth and Women Agri-Entrepreneurs' Roles in Agricultural Development in Nepal**

**Moushumi Shrestha**  
Shresthagar Group of Companies  
Founder, Shree Kisan Innovation



**Sunita Nhemaphuki**  
R&D Innovative Solution Pvt. Ltd., Nepal

WATCH ON YouTube

Association of Nepalese Agricultural Professionals of Americas (NAPA) presents  
**NAPA Webinar Series: 23**  
**Agriculture Entrepreneurship for Seed Production and Research in Nepal**




**Mitra Raj Dawadi**  
Agriculture Entrepreneur and Director of Dawadi Agro-Enterprises

**USA Time:**  
March 7, 2021 (Sunday)  
7:30 PM CST

**Nepal Time:**  
March 8, 2021 (Monday)  
(फाल्गुण २४, २०७७)  
7:15 AM  
(बिहान ७:१५ बजे)

Zoom: 886 0406 8999 | Facebook: www.facebook.com/napa2072

Association of Nepalese Agricultural Professionals of Americas (NAPA) presents  
**NAPA Webinar Series: 24**  
**Controlled Environment Hydroponic Agriculture: Highly Productive and Efficient Growing System**




**Tilak Mahato**  
Research Specialist, University of Arizona, Tucson, AZ

**USA Time:**  
May 2, 2021 (Sunday)  
7:30 PM CST

**Nepal Time:**  
May 3, 2021 (Monday)  
(बैशाख १९, २०७८)  
6:15 AM

Zoom: 825 3761 5286 | Facebook: www.facebook.com/napa2072

Association of Nepalese Agricultural Professionals of Americas (NAPA) presents  
**NAPA Webinar Series: 25**  
**"Agricultural Transformation in Nepal: Realities and Way Forward"**




**Dr. Kalidas Subedi**  
Project Lead/ Study Director  
Department of Agriculture and Agri-Food Canada, Ottawa, Canada

**USA Time:**  
June 27, 2021 (Sunday)  
7:45 PM CST

**Nepal Time:**  
June 28, 2021 (Monday)  
(भाद्र १४, २०७८)  
6:30 AM

Zoom: 861 0731 9627 | Facebook: www.facebook.com/napa2072



# Workshops and Symposia

"FOR NEPALI, BY NEPALI"

**NON-RESIDENT NEPALI ASSOCIATION  
NATIONAL COORDINATION COUNCIL, USA**

**NATIONAL KNOWLEDGE CONVENTION 2020**  
Collaborate 4  
A Better Tomorrow

**AGRICULTURE TRANSFORMATION FOR FOOD SECURITY**



**DR. PEETAMBAR DAHAL**  
(Panelist)  
Seed Scientist, University of California



**DR. MEGHNA N. PARAJULEE**  
(Coordinator)  
Fellow Professor at Texas A&M University



**DR. KHUSHI R. TIWARI**  
(Panelist)  
Sr. Plant Geneticist/Breeder, Bayer CropScience



**DR. PREM BHANDARI**  
(Panelist)  
Social Demographer and Agricultural Sociologist, University of Michigan



**MAHA P. GELAL**  
(Panelist)  
Former Livestock Development Officer  
Government of Nepal

Join us on  zoom

ID: 818 4684 0284  
PW: agm

 **LIVE**  
@NRNA NCC USA

**DATE** JULY 04, 2020 **5:10 PM TO 6:30 PM** **TIME**  
SATURDAY EST. TIME

**UNCN**  
USA-NEPAL COMMUNITY  
OUTREACH NETWORK

In Collaboration with



Center for Biotechnology  
Agriculture and Forestry  
University (AFU)



Association of Nepalese  
Agricultural Professionals of  
Americas (NAPA)

**Presents**

**Contact:**  
info@usanepalnetwork.org

**For Registration visit:**  
www.afu.edu.np  
www.usanepalnetwork.org

**Zoom link will be provided to  
registered participants only.**

**Public Speaking  
Workshop & Seminar**  
*(For Scientists and Science Students who want to  
improve their presentation skills)*

**AUGUST 22-24, 2020  
(8:00 AM - 9:30 AM NST)**

**Opening Remarks**



Sharada Thapaliya, PhD  
Vice Chancellor  
Agriculture and Forestry University



Megha N. Parajulee, PhD  
Regents Fellow Professor, Texas A&M University  
President, NAPA



Bilas Upadhyay, CPA  
President  
UNCN

**Panel Discussion**

Megha N. Parajulee, PhD - Panelist  
Naba Raj Deykota, PhD - Panelist  
Hitesh Bhalala, DTM - Panelist  
IP Kadariya, PhD - Moderator  
Batuk Bista, DTM - Moderator

**Speakers**

Batuk Bista, DTM  
Jeffrey Cornell, ACG  
Devendra Shah, IP2  
Dr. Vishnu Maya Upadhyay, IP2  
Rajan Ghimire, PhD


**APPLIED BIOINFORMATICS IN AGRICULTURE & MEDICINE**  
*(With hands-on workshop on genomics and evolution of SARS-CoV-2)*

**Program Details:**


**Seminar:** July 19 (8:00 AM- 10:00 AM, NST)  
July 20 (8:00 AM- 10:00 AM, NST)

**Workshop:** July 21-23  
(8:00 AM - 10:00 AM NST, daily)

**Organized by:**




Center for Biotechnology  
Agriculture and Forestry  
University




Association of Nepalese  
Agricultural Professionals  
in Americas (NAPA)

**Keynote Speakers:**




**Sharada Thapaliya, PhD**  
Vice Chancellor  
Agriculture and Forestry University




**Megha N. Parajulee, PhD**  
Professor, Texas A&M University  
President, NAPA


**Invited Speakers:**




**Ananta Acharya, PhD**  
Scientist, Corteva Agrisciences




**Saroj Parajuli, PhD**  
Post-doctoral Associate, University of Florida




**Radhika Bartaula, PhD**  
Post-doctoral Associate, USDA-ARS



**Dev Paudel, PhD**  
Post-doctoral Associate, University of Florida



**Sangeet Lamichhane, PhD**  
Assistant Professor, Kent State University



**Sishir Subedi, MS**  
Bioinformatician - Houston Methodist Hospital

**For registration visit: www.afu.edu.np**

# WAAP

Gita Koirala Bhandari, Chair

- August 2020, **WAAP brainstorming session** discussed vision, mission, scope and activities (10 participants from Nepal and USA).
- September 2020, **WAAP Roundtable discussion** at Second Biennial International Scientific Conference (7 Panelists from USA and Canada).
- Updating the Women Agriculturist database (Ongoing).
- Participated in Poem Recitation Program “*Mahila Krishak*” at NAPA Second Biennial Conference 2020 (published in *Krishika Suseliharu*).
- Participated in Poem Recitation Program “*Krishi Bigya Chhori*” at NAPA Day 2021.
- Outreach effort in disseminating NAPA’s mission to members and non-members throughout the world.



# Resource and Capacity Building Committee

## Nityananda Khanal, Chair

### NAPA Sponsored Research Mini-Grant Projects Conference

Final presentations from several research projects completed in Nepal  
that were sponsored by mini grants from NAPA  
*“Agricultural Research Advancement Through Collaboration”*

#### Date and time

**July 11, 2020** (8:30 – 10:30 AM CST, 7:15 – 9:15 PM Nepal Standard Time)

**July 12, 2020** (8:30 – 10:30 AM CST, 7:15 – 9:15 PM Nepal Standard Time)

[Click HERE to Register](#)

#### Program Highlights

- ❖ Final Presentations of the Projects from 14 Grant Recipients
- ❖ Keynote Addresses
- ❖ Recognition of the Presenters
- ❖ Free and open to the public



# 2020-2021 Research Mini-Grant

- **Call announced:** November 1, 2020
- **Proposal call orientation & interaction session:** November 15, 2020
- **Proposal call closed:** December 31, 2020
- **Proposal review & award decision:** 16/43 proposals; February 10, 2021
- **Agreement execution & 1<sup>st</sup> installment release:** Complete
- **RMG introductory session:** March 4, 2021
- **Research & Publication Ethics:** March 11, 2021
- **Experimental & Social Research Design:** April 23, 2021
- **Survey Design** is scheduled for June 4, 2021.

# 2020-2021 Research Mini-Grant:

## Distribution of 16 awarded proposals

- By Disciplines:

- Crop/soil management: 3                      Crop protection: 2
- Crop germplasm assessment: 2              Horticulture: 2
- Livestock/fisheries/veterinary: 4          Socio-economics: 3

- By Gender:

- 8 Females
- 8 Males

- By Location/institution:

- AFU, Rampur: 8                      IAAS - Lamjung: 3
- Paklihawa: 1                          Dang: 2
- Jhapa: 1                                  Ilam: 1

# Resource and Capacity Building Committee ...

- **Communication with Nepal's agricultural research, extension and education institutions: Nepal Agricultural Research Council, Institute of Agriculture and Animal Sciences, Nepal Agriculture and Forestry University, & other research & development stakeholders in Nepal for the possibility of collaboration between NAPA and institutions in Nepal.**
- **Advocacy role and provide expertise support in the curriculum re-structuring in agricultural education in Nepal; proper integration of Agricultural and engineering education.**
- **Research collaboration opportunities among NAPA members and beyond.**



# Treasurer's Report

	Regular Chase Checking Account (x6778)		PayPal Account		Chase Savings Account (x7289)	Chase Checking Account for Endowment Fund (x3203)
	Cash inflow	Cash outflow	Cash inflow	Cash outflow	Cash inflow	Cash inflow
Carryover from previous EC	\$28,882.78					
Year 2020	\$13,919.3	\$6,716.42	\$6,384.91	\$4,537.11		
Year 2021	\$10,291.37	\$32,228.04	\$3,197.96	\$3,994.97	\$25,942.01	\$6,905
Account balance	\$14,149.06		\$1,050.79		\$25,942.01	\$6,905
Overall balance	<b>\$48,046.86</b>					

NAPA Biennial Conference 2020 surplus (To be contributed to NAPA endowment fund)	\$5,941.99
Research Mini Grant (RMG) donation received	\$6,489.29
Endowment fund deposited	\$6,905
COVID Relief Fund	\$1,924.79
AMAZON-Smile donation to NAPA	\$32.88

# Plans for 2021-2022

- **Host third biennial conference (May 2022; Atlanta, GA).**
- **Programmatic:**
  - **Expand Endowment Fund and invest EF to generate revenues.**
  - **Continue and scale up sponsored research programs.**
  - **Expand and empower regional committees.**
  - **Initiate programs for senior/veteran agricultural professionals.**
  - **Collaborate with other professional organizations.**
  - **Initiate programs for Americas-based communities and stakeholders.**
  - **Felicitations/recognition of agri-professionals.**
  - **Publish NAPA's expert database.**
- **Strategy:**
  - **Continue to share plans/programs/activities with members and promote, engage more members on its activities.**
  - **Programs to empower members.**
  - **Offer more student-centered activities.**
  - **Continuing engagement with Nepal's various stakeholders through research, education, outreach, and policy discussion.**



**I firmly believe that the state of NAPA is very strong, and it can become a significant force in shaping international agriculture if we continue to believe in its global vision and work toward achieving it.**

