

Building Resilience Against Hunger through Animal Agriculture

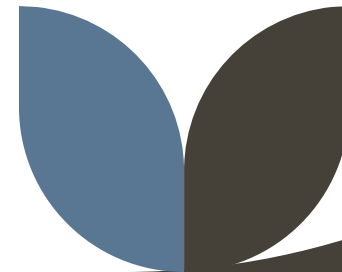
Lee M. Myers, DVM, MPH, DACVPM, MEP
Chief Executive Officer
Christian Veterinary Mission



**Christian
Veterinary Mission**

Agenda

- Outlook of food security and food sustainability
- Role of livestock in feeding the world
- Who is Christian Veterinary Mission and what do we do?
- How can CVM and ECHO collaborate in their educational efforts?

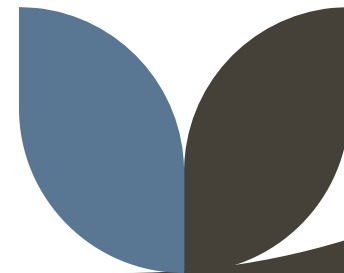




Food Security

Food security means that all people, at all times, have physical, social, and economic access to sufficient, safe, and nutritious food that meets their food preferences and dietary needs for an active and healthy life.

United Nations Committee on World Food Security, 2020





Food Sustainability

A sustainable food system is one that delivers food security and nutrition for all in such a way that the economic, social and environmental bases to generate food security are not compromised.

FAO Sustainable Food Systems
Concept and Framework, 2018

TIMES OF CRISIS,
TIMES OF CHANGE
SCIENCE FOR ACCELERATING
TRANSFORMATIONS
TO SUSTAINABLE
DEVELOPMENT



GLOBAL SUSTAINABLE
DEVELOPMENT REPORT 2023



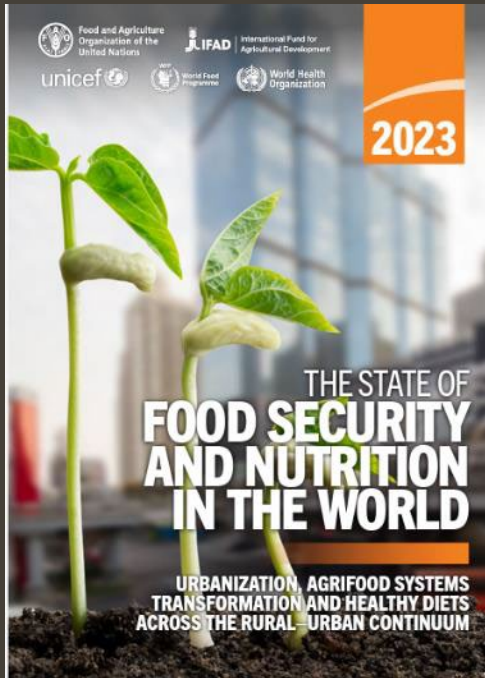
SUSTAINABLE
DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



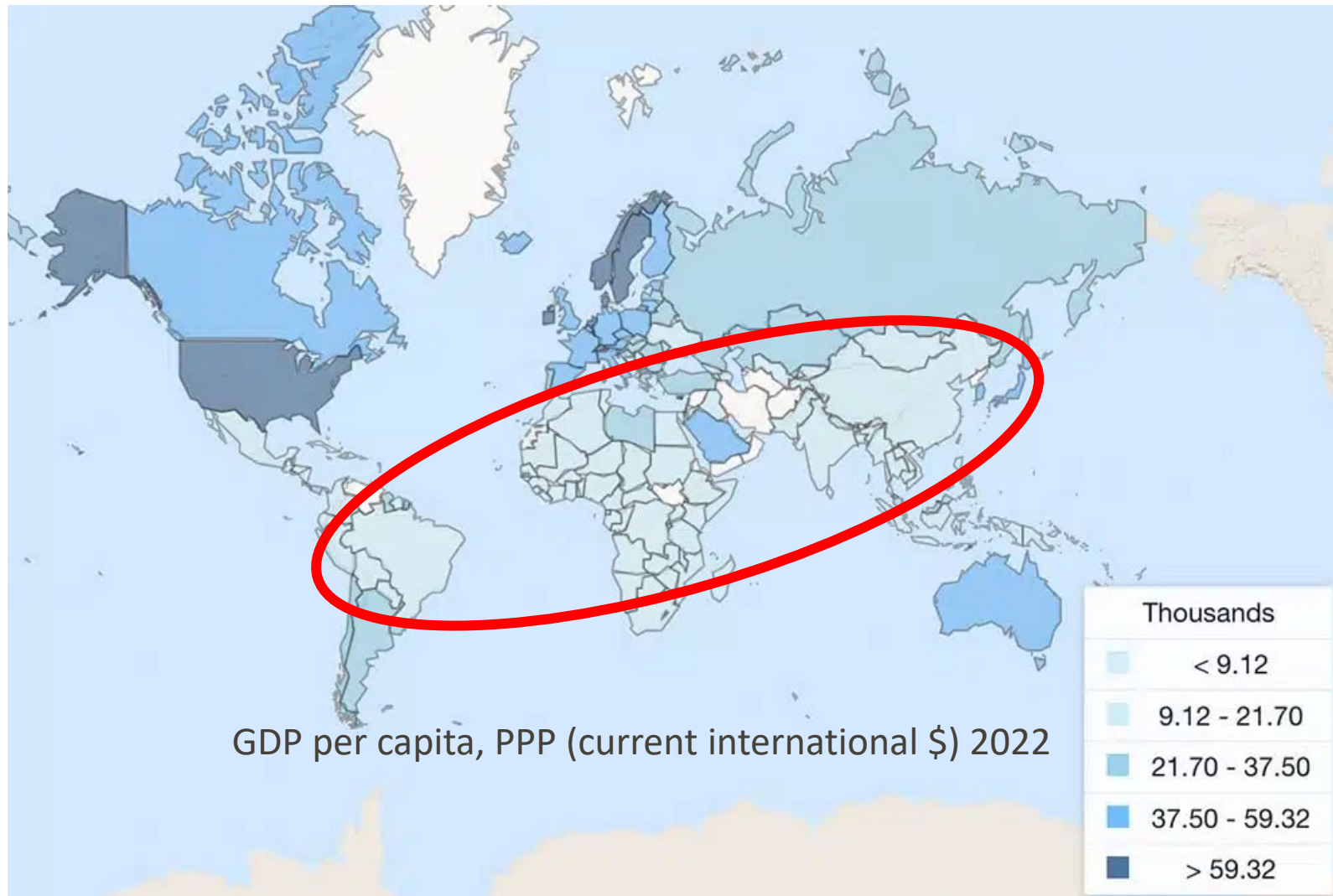
CURRENT STATE OF PROGRESS TOWARD THE SUSTAINABLE DEVELOPMENT GOALS BASED ON SELECT TARGETS

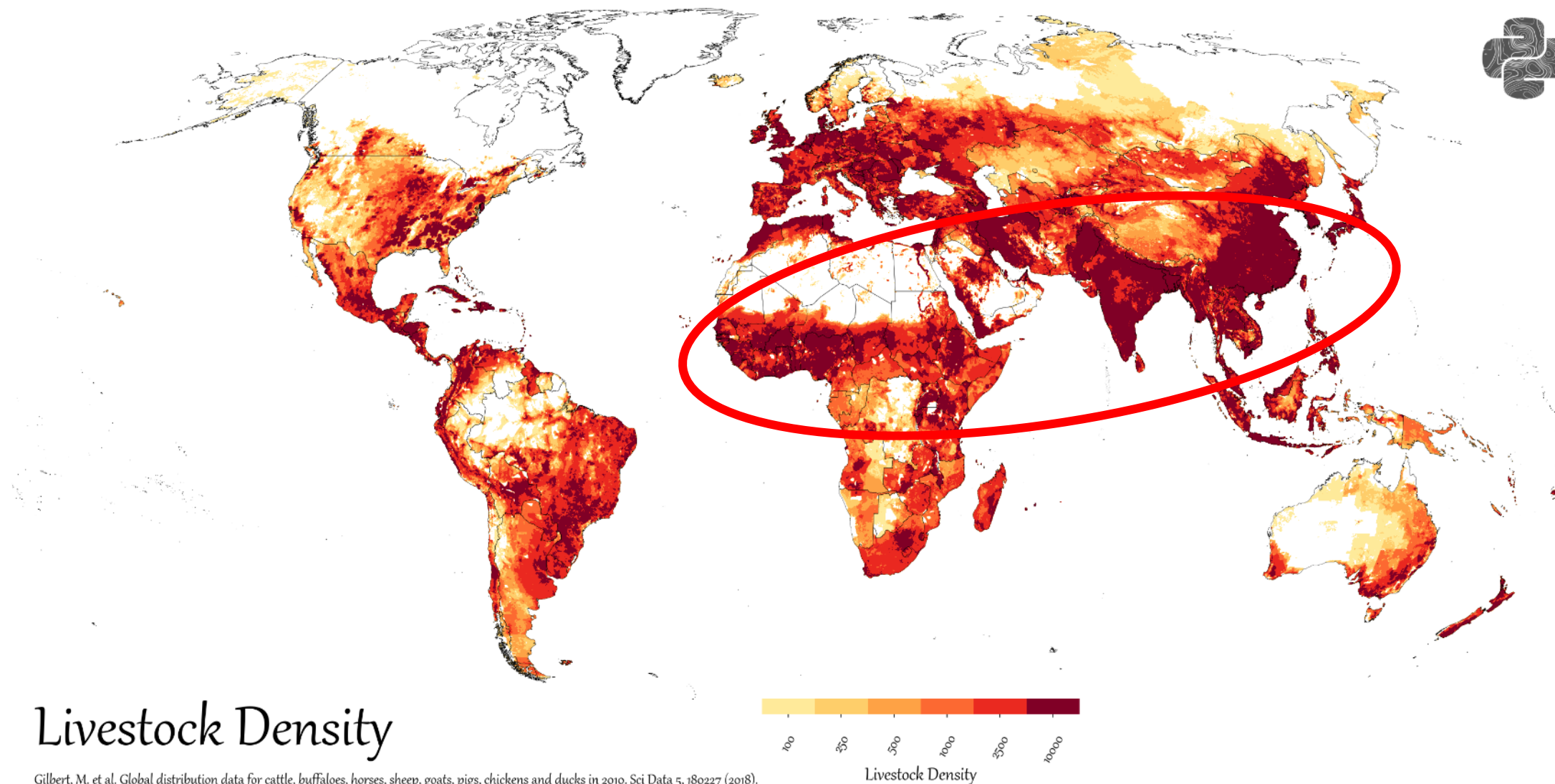
 GOAL	 INDICATOR	DISTANCE FROM TARGET (2023)¹ 1 Very far from target 2 Far from target 3 Moderate distance to target 4 Close to target 5 Target met or almost met	 TREND OF SDG PROGRESS (2023)¹	 CHANGE IN TREND OF SDG PROGRESS BETWEEN 2020 AND 2023²
1 	1.1.1 Eradicate extreme poverty		Limited or no progress	↩ Backward
	1.3.1 Implement social protection systems		Fair progress but acceleration needed	N/A
2 	2.1.2 Achieve food security		Deterioration	None
	2.2.1 End malnutrition (stunting)		Fair progress but acceleration needed	None
3 	3.1.2 Increase skilled birth attendance		Fair progress but acceleration needed	↩ Backward
	3.2.1 End preventable deaths under 5		Fair progress but acceleration needed	↩ Backward
	3.3.3 End malaria epidemic		Limited or no progress	None
	3.b.1 Increase vaccine coverage		Deterioration	↩ Backward
4 	4.1.2 Ensure primary education completion		Limited or no progress	↩ Backward
	5.2.1 Eliminate child marriage		Fair progress but acceleration needed	None



Agrifood systems remain highly vulnerable to shocks and disruptions arising from conflict, climate variability and extremes, and economic contraction.

Poorest Countries

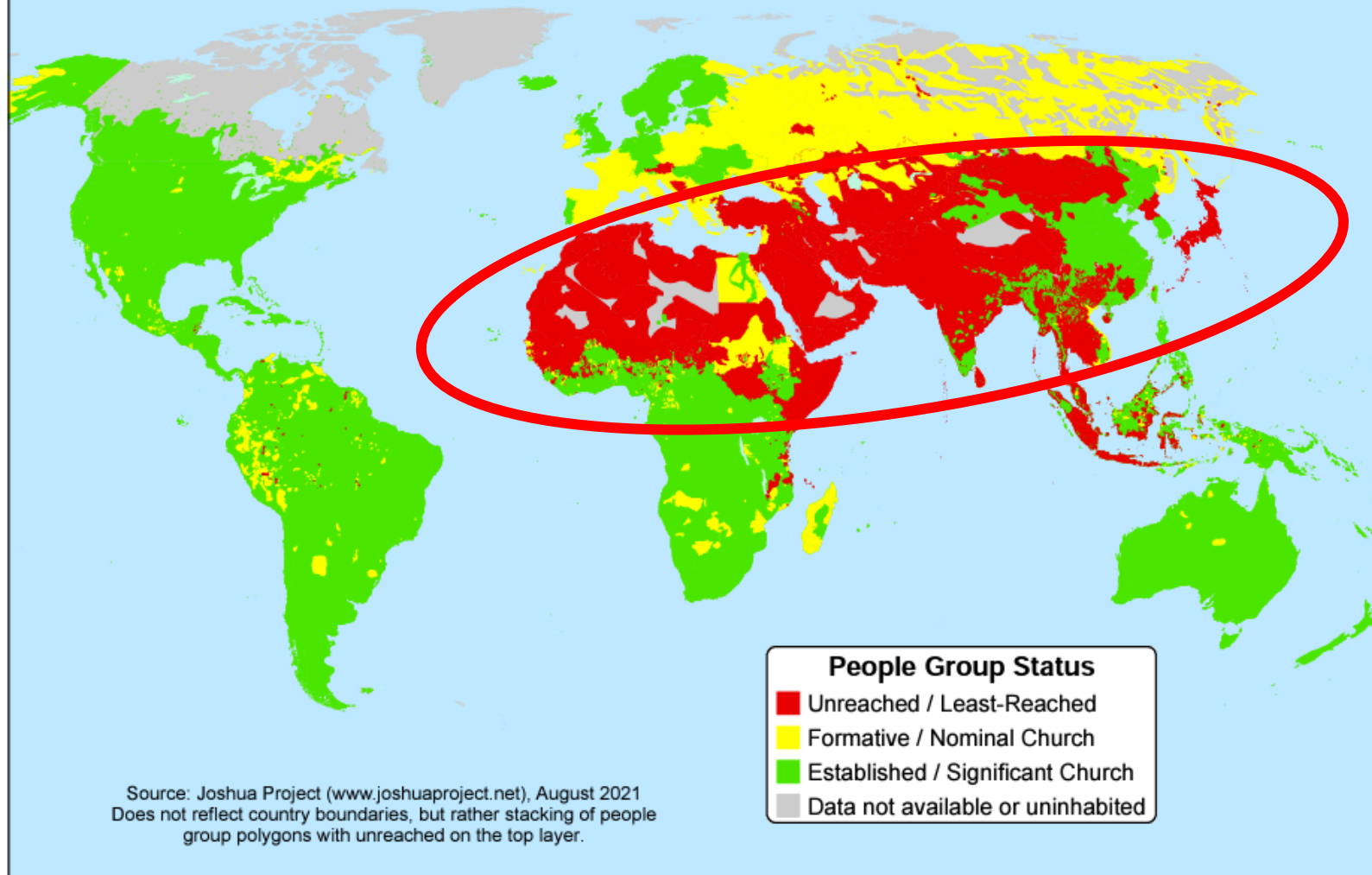






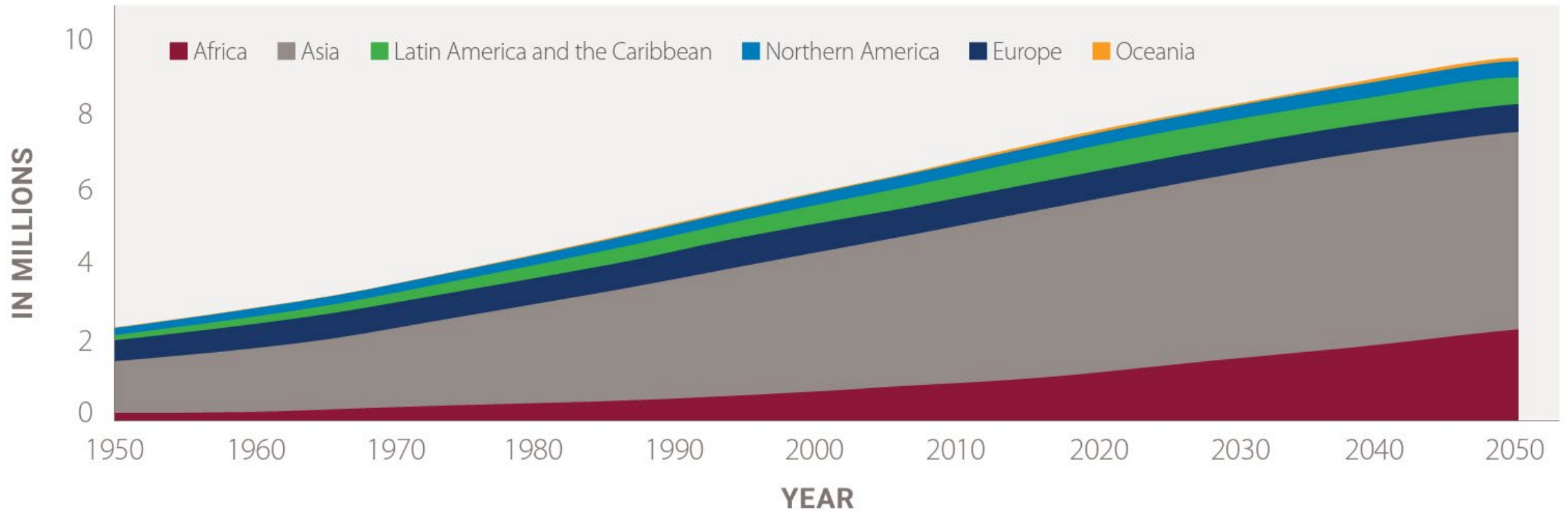
Progress of the Gospel by People Group

Based on the Joshua Project Progress Scale



<https://joshuaproject.net/assets/media/maps/joshua-progress-scale-map.pdf>

PROJECTED WORLD POPULATION BY GEOGRAPHIC REGION



Source: United Nations Department of Economic and Social Affairs, 2022a.



Christian Veterinary Mission

- Parachurch organization of veterinarians, veterinary technicians, and veterinary students
- Vision is Christ's love expressed through veterinary medicine
- Mission is to challenge, empower, and facilitate veterinary
- Sustainable development with spiritual impact

Christian Veterinary Mission



Student Ministry



51 Universities

58 Veterinary Conferences



Workplace Ministry

2 ROADS CROSSING

Faith and Profession

Short-Term Missions

- 465 Volunteers
- Served on 85 Teams
- To 30 Countries



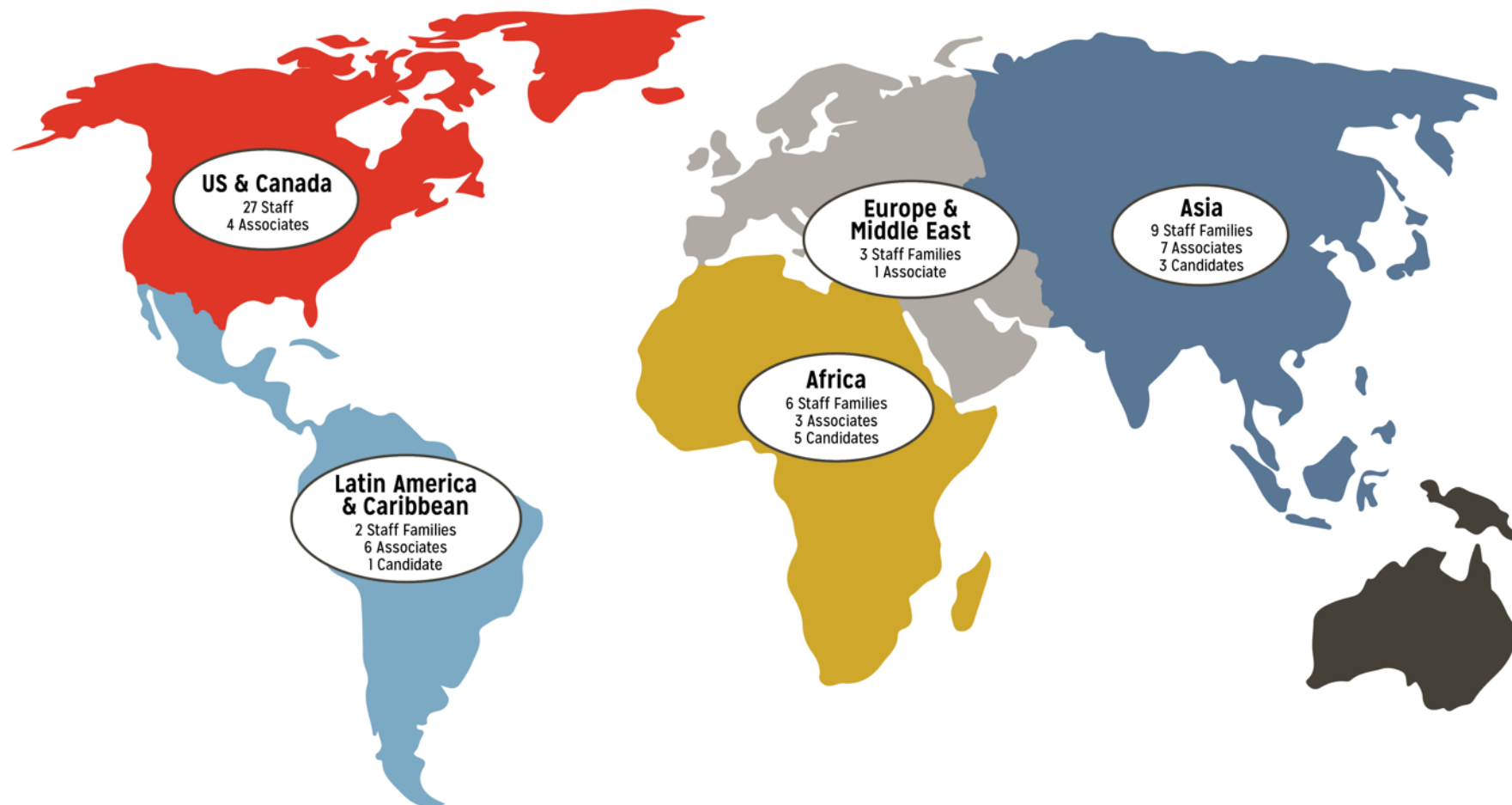
Long Term Missions

Serve Around the World





CVM U.S. and International Staff



Evangelical Missions Quarterly

- Published September 2023
- Special Article Preview
- Authors
 - Dr. Daniel Graham, CVM Missions Mobilization Strategist
 - Dr. Lena Wensel, CVM Field Worker, Tanzania

www.missionexus.org/caring-for-gods-animals-is-caring-for-gods-people/



Caring for God's Animals is Caring for God's People

EMQ » July–September 2023 » Volume 59 Issue 4



A veterinarian prepares to give a chicken a vaccine. Photo by Greenoline, Adobe Stock.

Special Article Preview

This article of *Evangelical Missions Quarterly* (EMQ) is a publicly accessible preview. [Join Missio Nexus](#) or [subscribe](#) to get access to all articles!

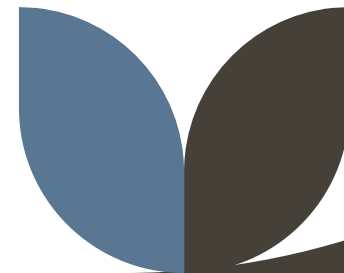
Summary: Integrated into a holistic healthcare approach to missions, veterinary medicine provides an opportunity to engage the rural poor in agricultural communities through community development. Building relationships of trust based on care for livestock, Christian veterinarians support public health through nutrition promotion and disease prevention, all while expressing Christ's love for others through their vocation.

By Daniel Graham and Lena Wensel

Collaboration – What Can We Do Together?

- Utilize available approaches and measures under One Health
- Coordinate and serve with shared vision and resources
- Extend training of community animal health workers to complement the veterinary medicine services to local communities and society
- Broaden curricula to adjust to changing conditions with an increased emphasis on population and global health.

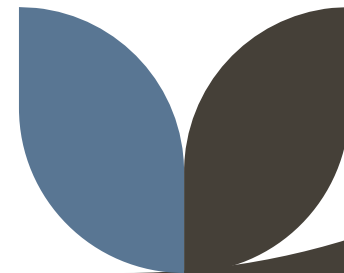
Dr. Mo Salman, Professor of Preventive Veterinary Medicine and
Infectious Animal Diseases, Colorado State University



Collaboration – What Can We Do Together?

- Dedicate available resources to food security and global health
- Encourage the establishment of global centers of excellence, particularly in developing countries
- Encourage a commitment from the national and international community to work together under one goal – promotion of food sustainability, health, and wellbeing of the community at large

Dr. Mo Salman, Professor of Preventive Veterinary Medicine and
Infectious Animal Diseases, Colorado State University



*The Light
shines in the darkness,
and the darkness has
not overcome it.*

-John 1:5



Insert “We Are CVM” Video