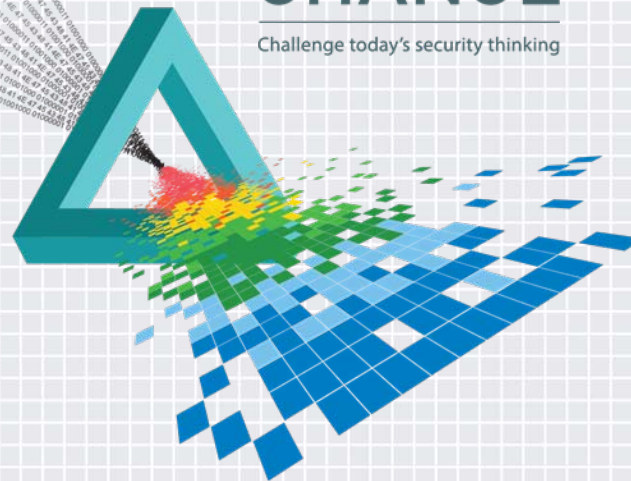


SECURITY HUMANITARIANISM: Extraordinary Examples of Tech Improving Lives



Davi Ottenheimer

Senior Director of Trust

EMC

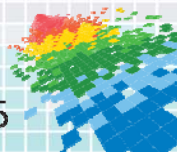
@daviottenheimer

INFOSEC FOR HUMANITARIANISM

Why Choose
Humanitarian
Projects

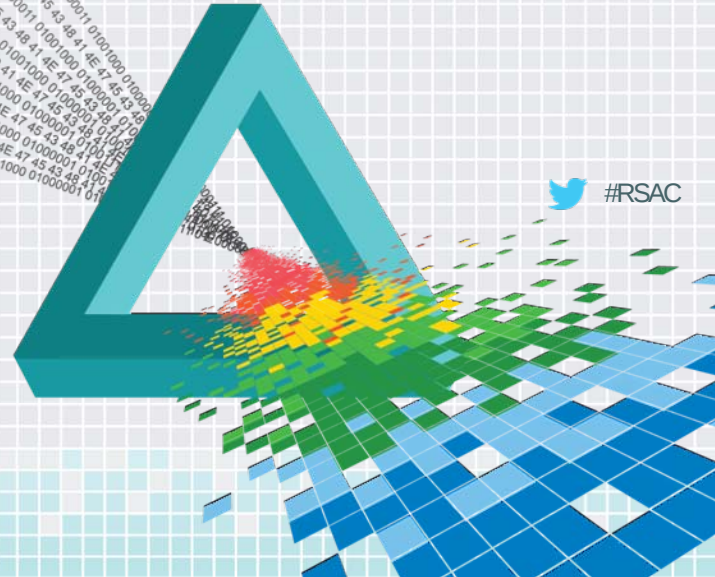
Examples of
Humanitarian
InfoSec

How to Get
Involved



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WHY CHOOSE HUMANITARIAN PROJECTS

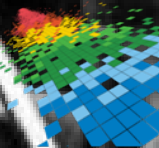


 #RSAC

I believe that unarmed truth and unconditional love will have the final word in reality. This is why right temporarily defeated is stronger than evil triumphant.

Martin Luther King
December 10, 1964

MAKE A
POSITIVE
DIFFERENCE



WHY CHOOSE HUMANITARIAN PROJECTS

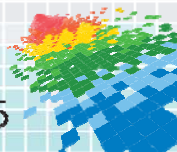


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MAKE A
POSITIVE
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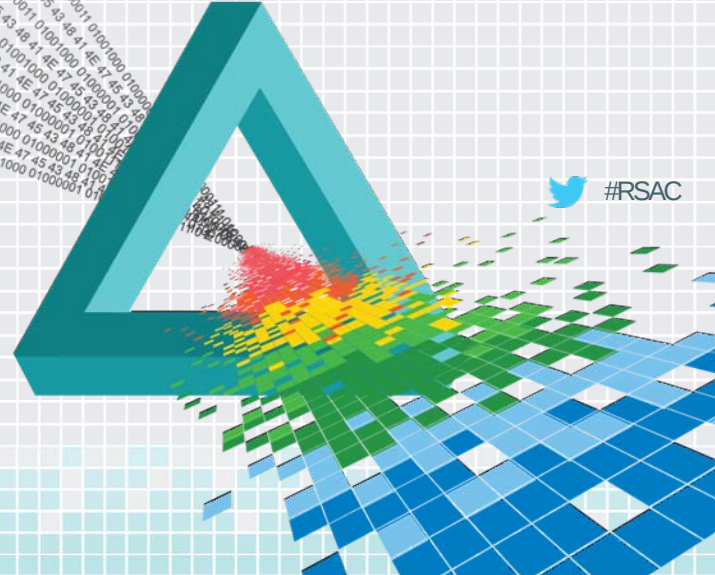
- 1. You Care
- 2. You Want to Be Active
- 3. You Want to Be Grounded



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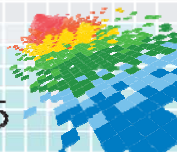
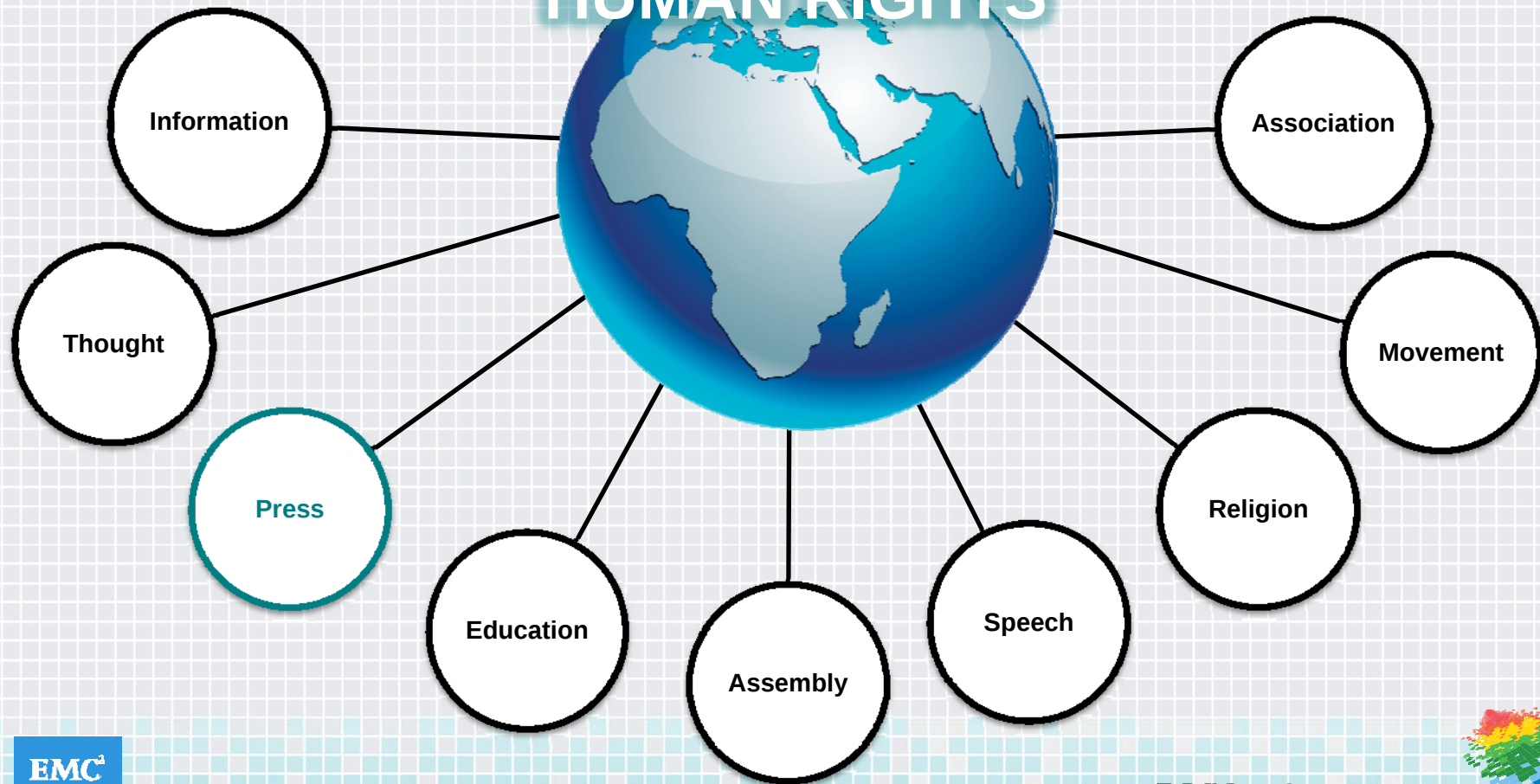


BECAUSE YOU CARE



 #RSAC

HUMAN RIGHTS



COMMON HUMANITARIAN MOTIVATIONS

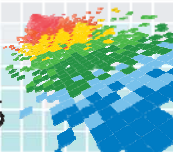
MAINTAIN DIGNITY

RELIEVE SUFFERING

SAVE LIVES

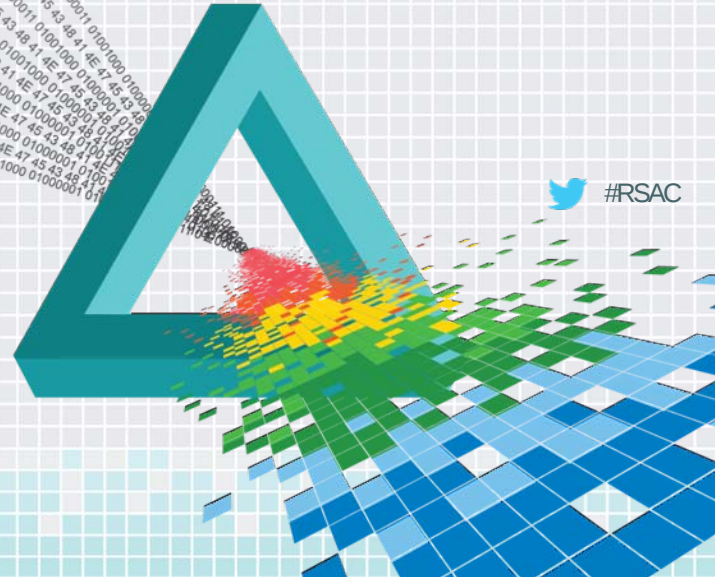
DO ***YOU*** CARE?

- 
- ◆ Equality and Preservation of Rights
 - ◆ Abolition of Slavery / Trafficking
 - ◆ Abolition of Torture
 - ◆ Treatment for Illness
 - ◆ Justice and Criminal Court
 - ◆ Protection, Shelter, Asylum



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BECAUSE YOU WANT TO
BE ACTIVE



HACKING SOCIAL AND ECONOMIC BARRIERS

**First they ignore you,
then they ridicule you,
then they attack you...
and then they build
monuments to you.**

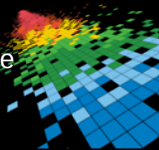
-- Nicholas Klein of Cincinnati 1918

1912 Hobo Convention

EMC²

<http://books.google.com/books?id=QrcpAAAAYAAJ&dq=%22First%20they%20ignore%20you%22&pg=PA53#v=onepage&q&f=false>
<http://handeaux.tumblr.com/post/108933080452/hobos-convene-in-cincinnati-in-1912-defying>
<http://content.time.com/time/magazine/article/0,9171,740008,00.html>

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SERVICE TO OTHERS



What is the use of living,
if it be not to strive for noble
causes and to make this
muddled world a better place
for those who will live in it
after we are gone?

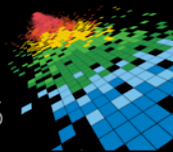
Winston Churchill

October 10, 1908

“Unemployment”

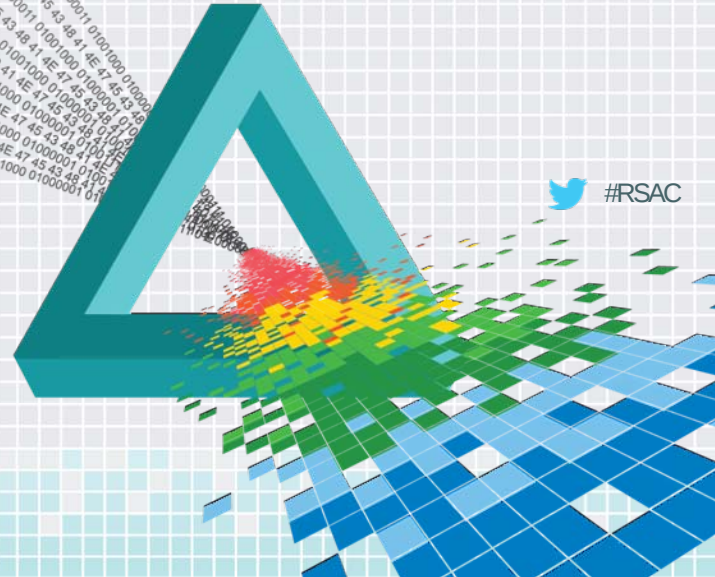
Kinnaird Hall Speech

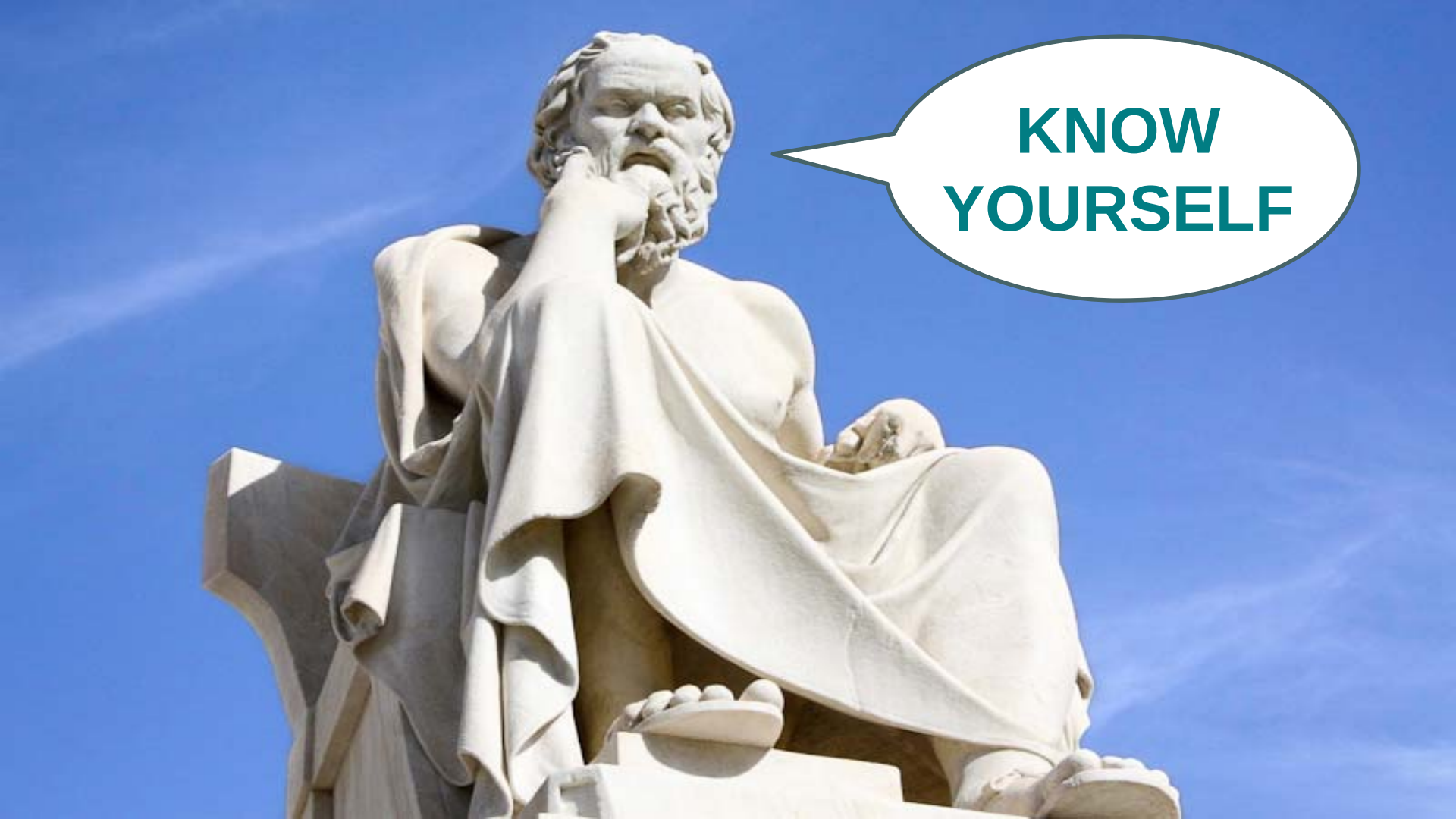
Dundee, Scotland



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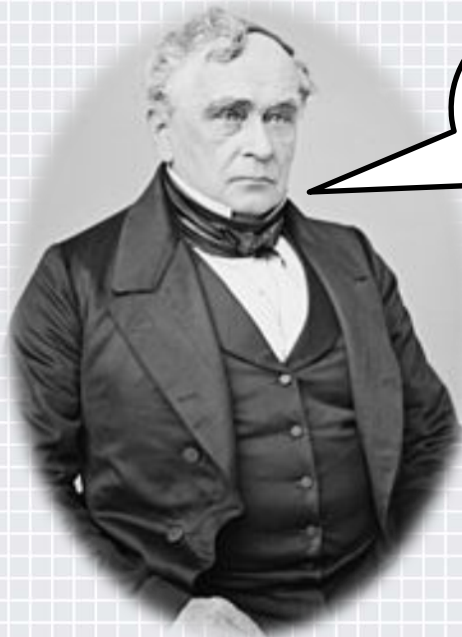
BECAUSE YOU WANT TO
BE GROUNDED





**KNOW
YOURSELF**

KNOW YOURSELF



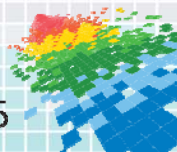
Francis Lieber

The ends are
greater than
the means



Carl von Clausewitz

War is the
continuation
of politics by
other means



LIEBER CODE

- ◆ Distinction
(Military and Civilian)
- ◆ Treatment
- ◆ Weapons and Tactics
- ◆ Specific Protection

A CODE FOR THE Government of Armies in the Field,

AS AUTHORIZED BY THE LAWS AND USAGES OF WAR ON LAND.

Printed as manuscript for the Board appointed by the Secretary of War [Special Orders, No. 399.] "To Propose Amendments or Changes in the Rules and Articles of War, and a Code of Regulations for the Government of Armies in the Field, as authorized by the Laws and Usages of War."

By FRANCIS LIEBER, Member of the Board.

FEBRUARY, 1863.

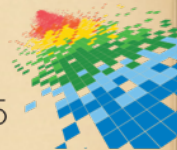
CODE.

MARTIAL LAW. MILITARY NECESSITY. RETALIATION.

§ 1. A place, district, or country, invested or occupied by an enemy, stands, in consequence of the occupation, under the Martial Law of the investing or invading army, whether any proclamation declaring Martial Law, or any public warning to the inhabitants, has been issued or not. Martial Law is the immediate and direct effect and consequence of occupation or conquest.

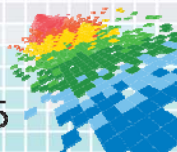
The presence of a hostile army proclaims its Martial Law.

§ 2. Martial Law does not cease during the hostile occu-



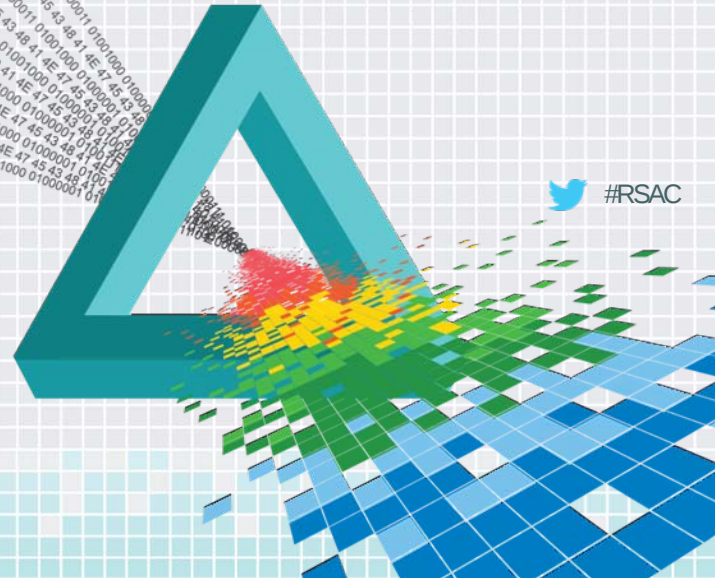
THE *PERVASIVE STATE* OF CONFLICT

- ◆ Moving Towards Global Notion of Justice/Ethics
- ◆ Searching for Root Causes
- ◆ Sensor Commoditization and ~Reliable Reporting by Bystanders (Walter Scott Case)
- ◆ Is *War* Being Replaced With Constant Methods of Political & Economic *Strife*? (Cyberwar Even Exist as Concept?)



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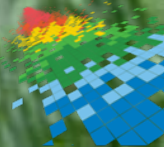
SECURITY HUMANITARIANISM EXAMPLES



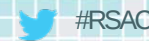
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DIGITAL MAPPING

1. MAP
2. MONITOR
3. RESTORE



UNICEF VOICES-OF-YOUTH DIGITAL MAPS



PRIORITIZE ISSUES AND REDUCE DISASTER RISK



Sign In



Voices of Youth Urgency Rank Testers

UNICEF GIS

15
Photos

397
Views

View all albums

Photos

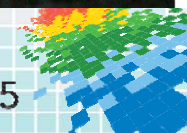


Deforestation in Kakolo township of Kitwe, Zambia - Brighton K.

EMC

<http://unicefstories.org/2013/11/14/voices-of-youth-takes-digital-mapping-to-the-next-level/>
<https://www.flickr.com/photos/unicefgis/sets/72157636166333326/>

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2015 PLATFORM FOR MONITORING...

"I see now why
they recommended
margarine for error"

880M Hectares of Cropland

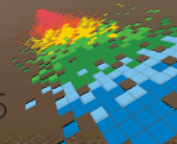
100K Mines & Quarries

300K Wind Turbines

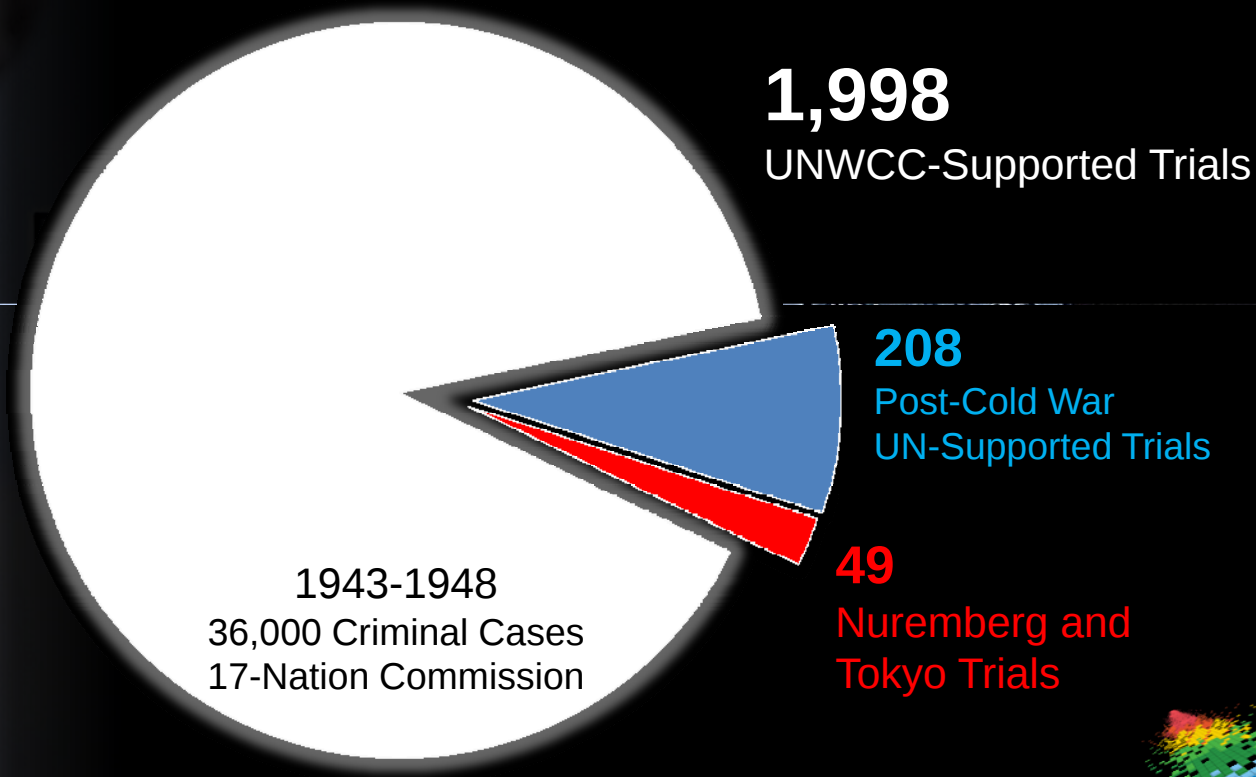
4M Cell Towers

600K Bridges

...



(UNWCC) UN WAR CRIMES COMMISSION



Registered Number.

Date of receipt in Secretariat.

P.100/VS/J/66

42 DEC 1945

UNITED NATIONS WAR CRIMES COMMISSION

UNITED STATES CHARGES AGAINST

JAPANESE WAR CRIMINALS

CHARGES AGAINST

WAR CRIMINALS

CASE No. 89 J. *

Name of accused, his rank and unit, or official position.

(Not to be translated.)

Guard
1) Japanese Soldier, Name unknown, nicknamed by prisoners "Pick Handle Pete"
Wolf
2) Japanese Soldier, Name unknown, nicknamed by prisoners "Issimoto"
(See also Paragraph b on Page 4 hereto)
3) Japanese Soldier, Name unknown, nicknamed by prisoners "Wolf"
4) Japanese Civilian, Name unknown, nicknamed by prisoners "Cherry Blossom" (in charge of work detail at Pasay).
All stationed at Nichols Field, Manila, Philippine Islands and Pasay Prison Camp. June 1943.

Date and place of commission of alleged crime

June 1943.
Nichols Field, Manila, Philippine Islands and Pasay Prison Camp.

Number and description of crime in war crimes list.

Ill-treatment of Prisoners of War,
Murder.

References to relevant provisions of national law.

Breach of the Geneva Convention 1929, Article 2.
Breach of the Laws and Customs of War.

SHORT STATEMENT OF FACTS.

Brutal beatings of two United States prisoners of War.
Murder of one.

UNWCC 12 Dec 1945

The Accused (names unknown)

- ◆ Guards
 1. "Pick Handle Pete"
 2. "Issimoto"
 3. "Wolf"
- ◆ Civilian – "Cherry Blossom"

The Charges

- ◆ Ill-Treatment of POWs
- ◆ Murder



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21 FEB 1946: GIVEN THE "WATER CURE" *

On 5 April 1943, victim was taken as a prisoner of war to the Japanese Military Police Headquarters at Fort Santiago, Manila, Philippine Islands, where he was imprisoned with seventeen unidentified Filipino prisoners in a cell about ten feet square, having no lights, no toilet facilities, no outside openings and only one air vent about eight inches square. He was given no food until the second day and then only a watery gruel of rice water and refuse from the guards' meal served in a wooden trough on the door twice a day. During the period of his imprisonment at Fort Santiago, victim was taken on three different occasions to an "interrogation room" for questioning by the Japanese Military Police, during the course of which questioning he was subjected to progressive degrees of physical punishment. During the first questioning, on 8 April 1943, he was slapped in the face and a lighted cigarette was extinguished on his bare chest. Following this ordeal, he was confined in solitary in a camp cell and required to sleep on a damp floor. During the second questioning which followed the first by about two days, he was slapped and beaten with fists in the face, kicked about the face and body, placed under a battery of lamps, and given the "water cure" three times interspersed with further slapping and beating. During the third questioning, victim was again slapped and beaten with fists, and suspended from the ceiling by his thumbs for about three hours. He was then lowered, revived, questioned again, and again suspended by his thumbs for about three hours. Victim was suspended twenty-four times by his thumbs on this third occasion, with his hands bound alternately in front and behind. On the twenty-third and twenty-fourth suspension, water was permitted to drop on his forehead at intervals of about five seconds for a period of about three hours. Victim was released on 23 April 1943 and delivered to Bilibid Prison, Manila. Before being released he signed, under threat of continued torture, a statement to the effect that he had not been afforded any inhumane treatment.

Victim: Miles A. Taulbee, 2nd Lt., ASN, O-2007806.

<http://www.politifact.com/truth-o-meter/statements/2007/dec/18/john-mccain/history-supports-mccains-stance-on-waterboarding/>

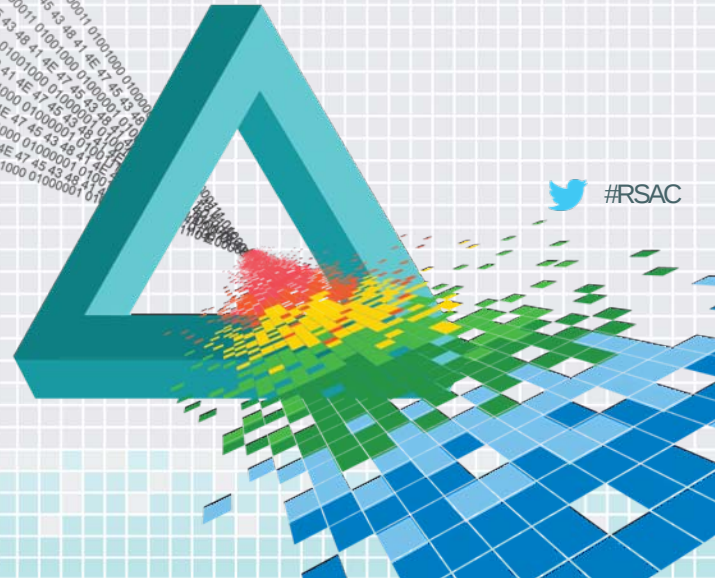
WAR CRIMES ARCHIVE MOBILE APP

Global Notion of Justice/Ethics

- 
- ◆ 8 million Children in Care Institutions
 - ◆ 4 / 5 have One or Both Parents Alive
 - ◆ Sustainable Families Reduce Care Institution Load

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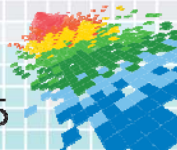
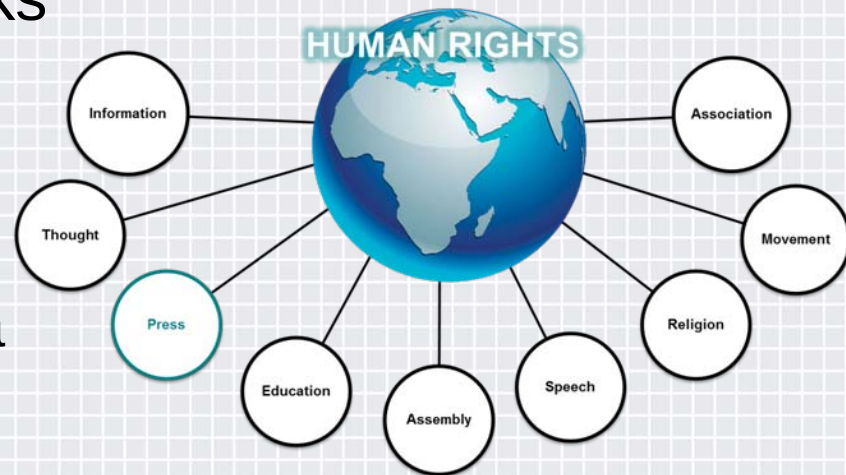
HOW TO GET INVOLVED



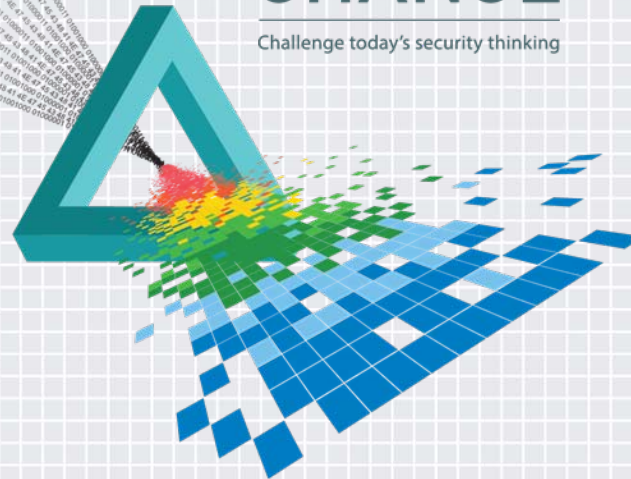
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INFOSEC OPPORTUNITIES

- ◆ Protecting Confidentiality of Sources
- ◆ Enhancing Integrity and Availability of Services/Sensors
- ◆ Defending Against Cyberattacks
- ◆ Investigating Breaches
- ◆ Supporting Criminal Court
- ◆ Monitoring and Analyzing Data
- ◆ Training and Education



SECURITY HUMANITARIANISM: Extraordinary Examples of Tech Improving Lives



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